



March 17, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 6-19-9-16, 8-19-9-16, 12-19-9-16,
13-19-9-16, 5-20-9-16, and 15-20-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

MAR 21 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 8-19-9-16

9. API Well No.
43-013-33101

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/NE Sec. 19, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SE/NE 2136' FNL 785' FEL 572139X 40.017857
At proposed prod. zone 4429871Y 110.154686

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.9 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 504' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1878'

19. Proposed Depth
5830'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5984' GL

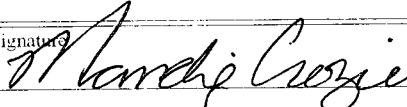
22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to ng release.

24. Attachments

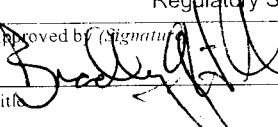
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
3/17/06

Approved by (Signature)

Title
ENVIRONMENTAL MANAGER

Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

Date
03-27-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

MAR 21 2006

Federal Approval of this
Action is Necessary

DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 Mile 8-19-9-16,
LOCATED AS SHOWN IN THE SE 1/4 NE
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 18973
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
2-21-06

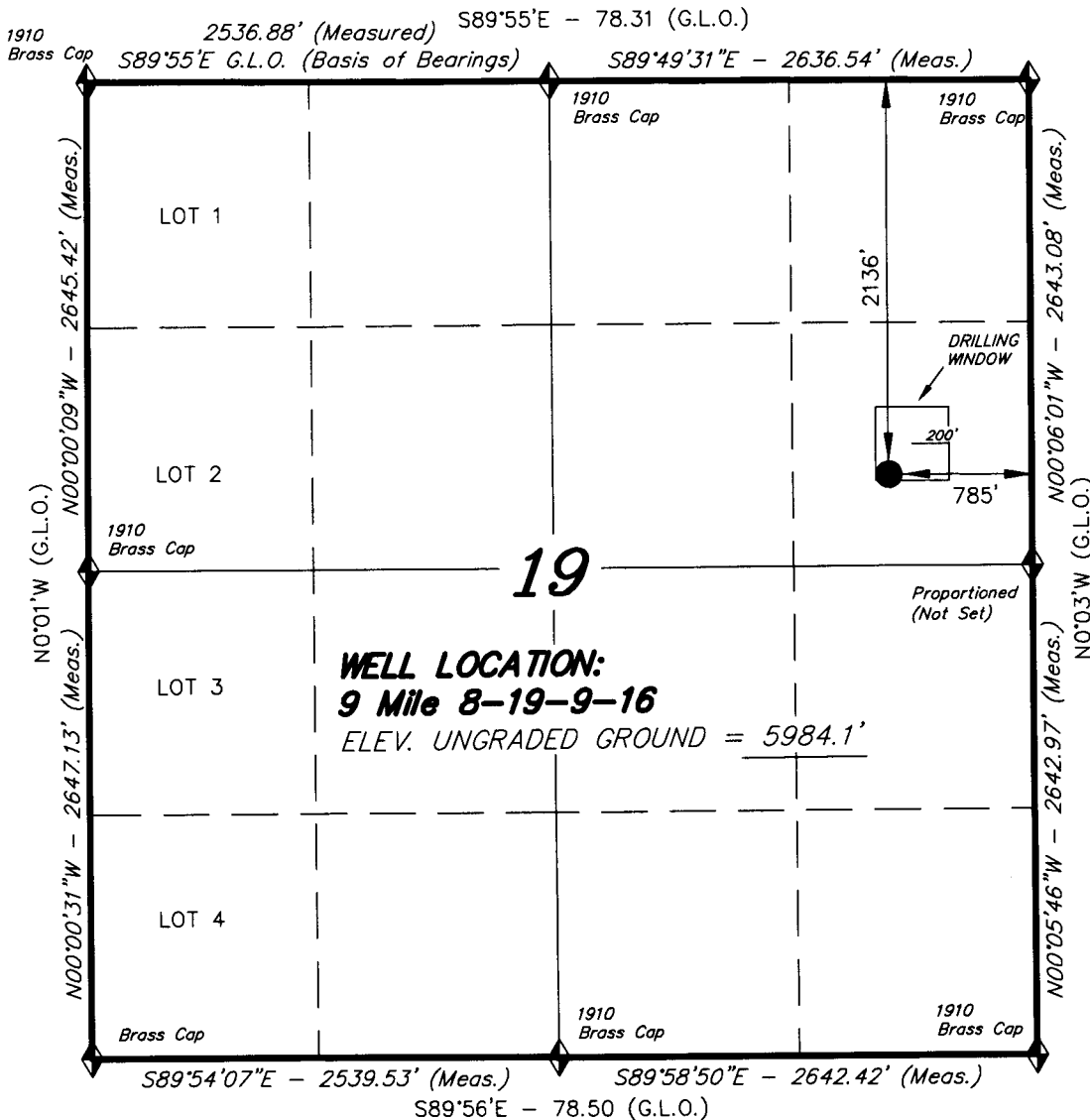
SURVEYED BY: C.M.

DATE DRAWN:
03-02-06

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 Mile 8-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 04.02"
LONGITUDE = 110° 09' 19.63"

NEWFIELD PRODUCTION COMPANY
FEDERAL #8-19-9-16
SE/NE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2235'
Green River	2235'
Wasatch	5830'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2235' – 5830' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #8-19-9-16
SE/NE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #8-19-9-16 located in the SE 1/4 NE 1/4 Section 19, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southerly - 1.4 miles \pm to it's junction with the beginning of the proposed access road; proceed easterly along the proposed access road - 280' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #8-19-9-16 Newfield Production Company requests 280' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 280' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #8-19-9-16 was on-sited on 1/25/06. The following were present: Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), Chris Carusona (Bureau of Land Management), Todd MaGrath (Bureau of Land Management), Brandon McDonald (Bureau of Landmanagement), and Charlie Shard (SWCA). Weather conditions were clear and ground cover was 50% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

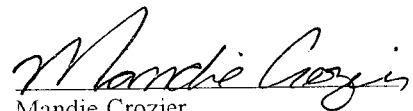
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-19-9-16 SE/NE Section 19, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/17/06

Date

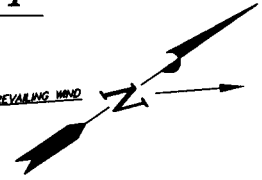

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 8-19-9-16

Section 19, T9S, R16E, S.L.B.&M.

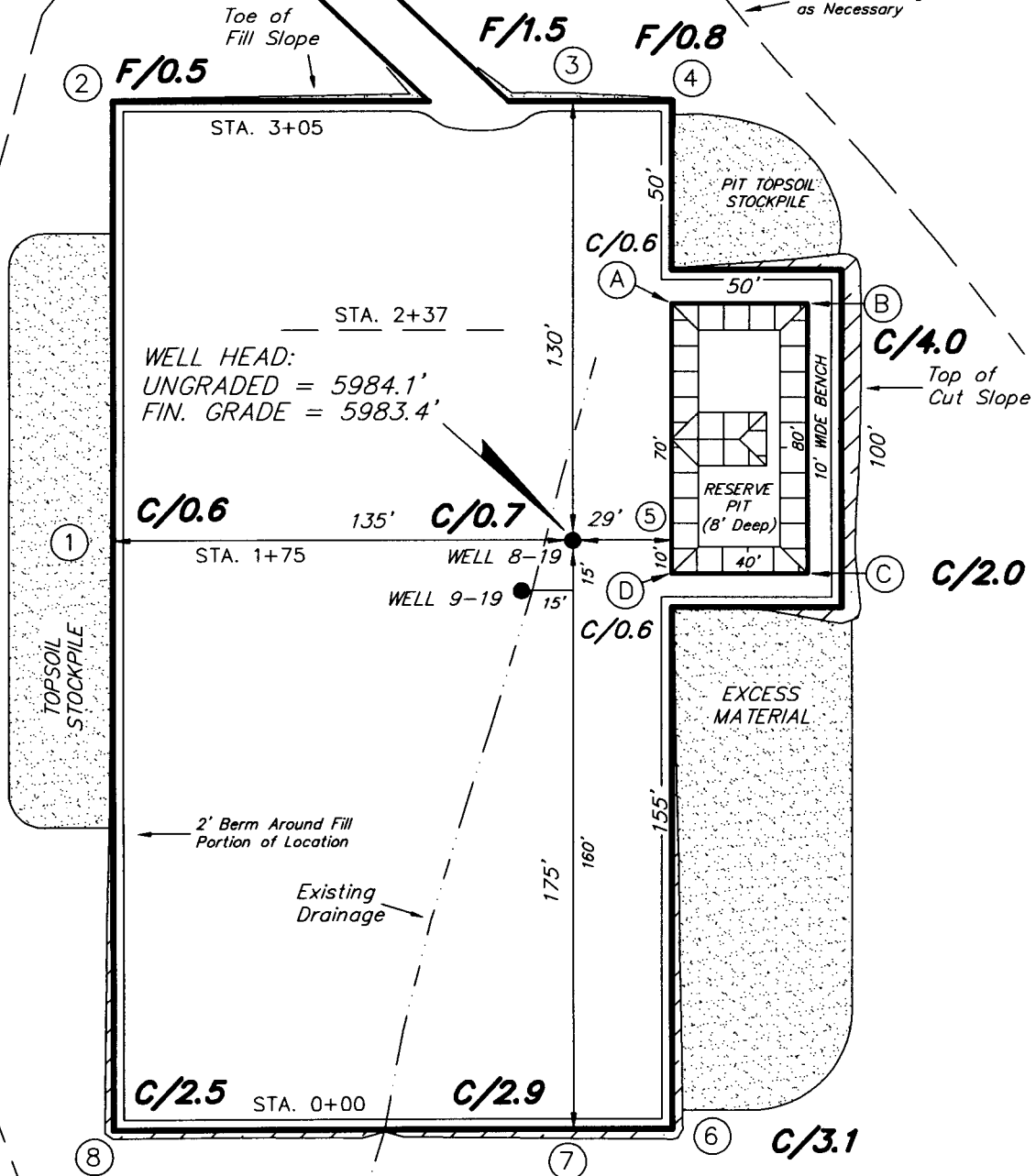
PREVAILING WIND



PROPOSED ACCESS
ROAD (Max. 6% Grade)

Reroute Drainage
as Necessary

Reroute Drainage
as Necessary



REFERENCE POINTS

185' SOUTHWESTERLY = 5984.4'
275' SOUTHEASTERLY = 5988.1'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

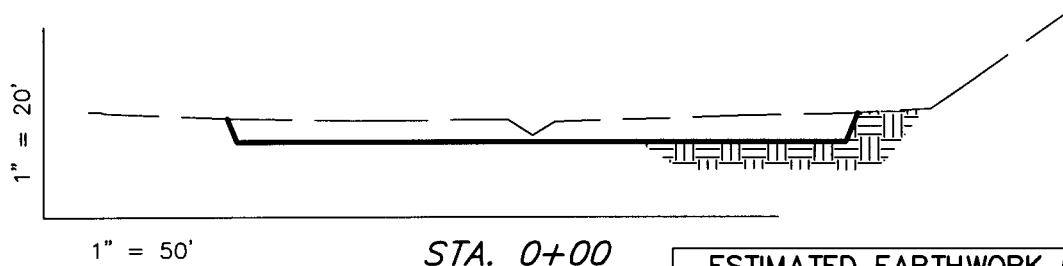
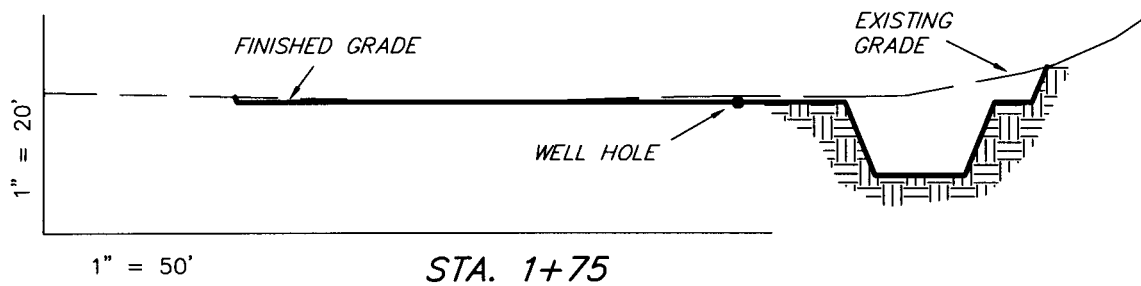
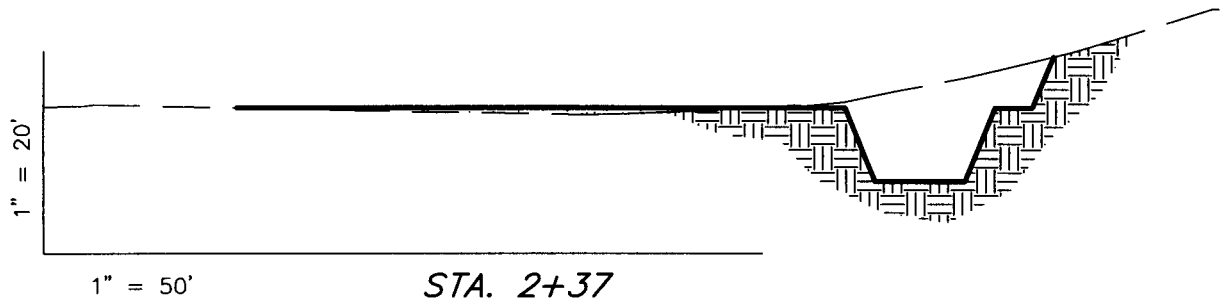
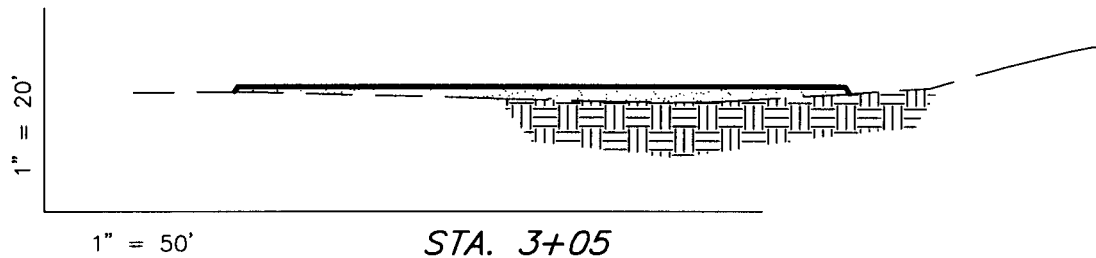
DATE: 03-03-06

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
9 MILE 8-19-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,370	730	Topsoil is not included in Pad Cut	640
PIT	640	0		640
TOTALS	2,010	730	1,060	1,280

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 03-03-06

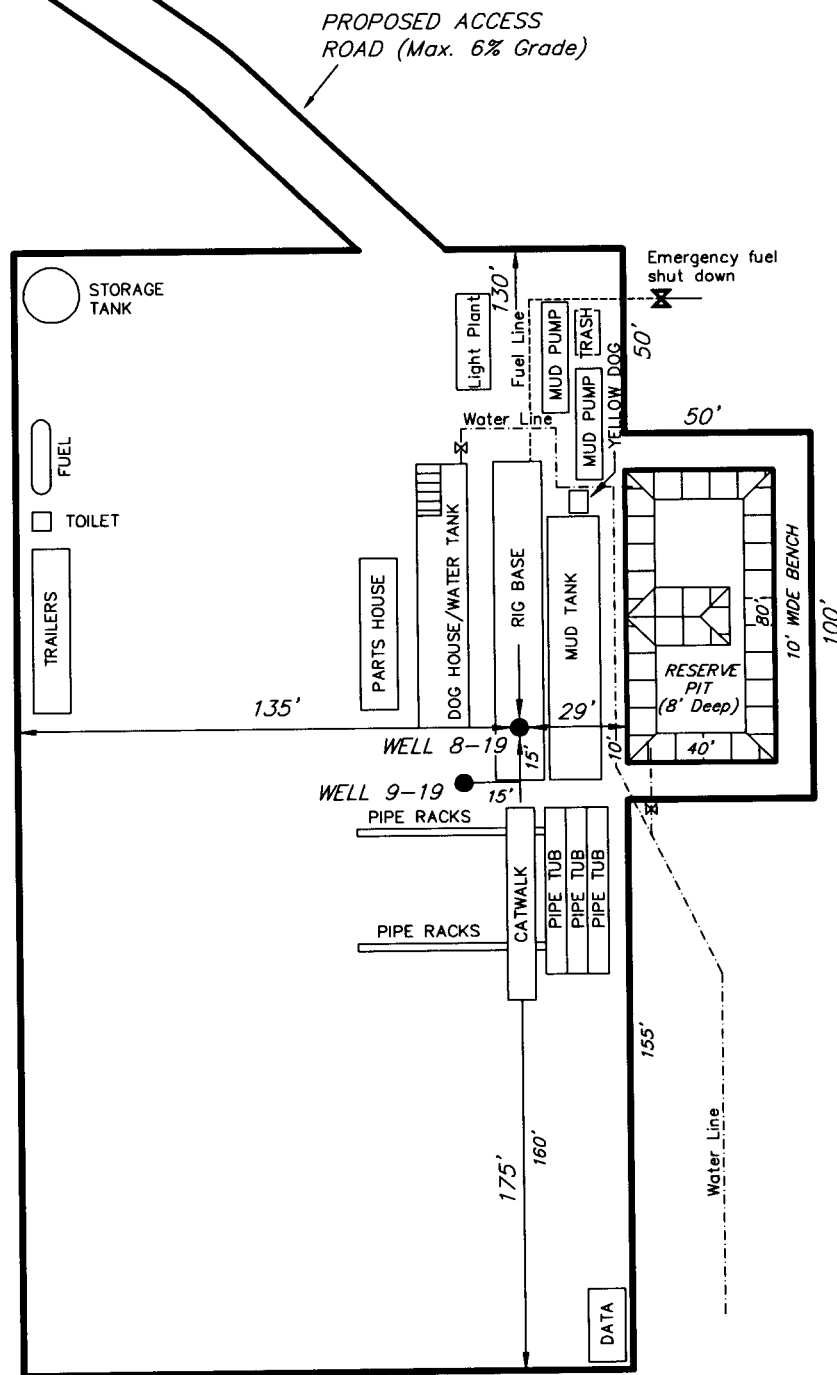
(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 8-19-9-16



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 03-03-06

Tri State
Land Surveying, Inc.

(435) 781-2501

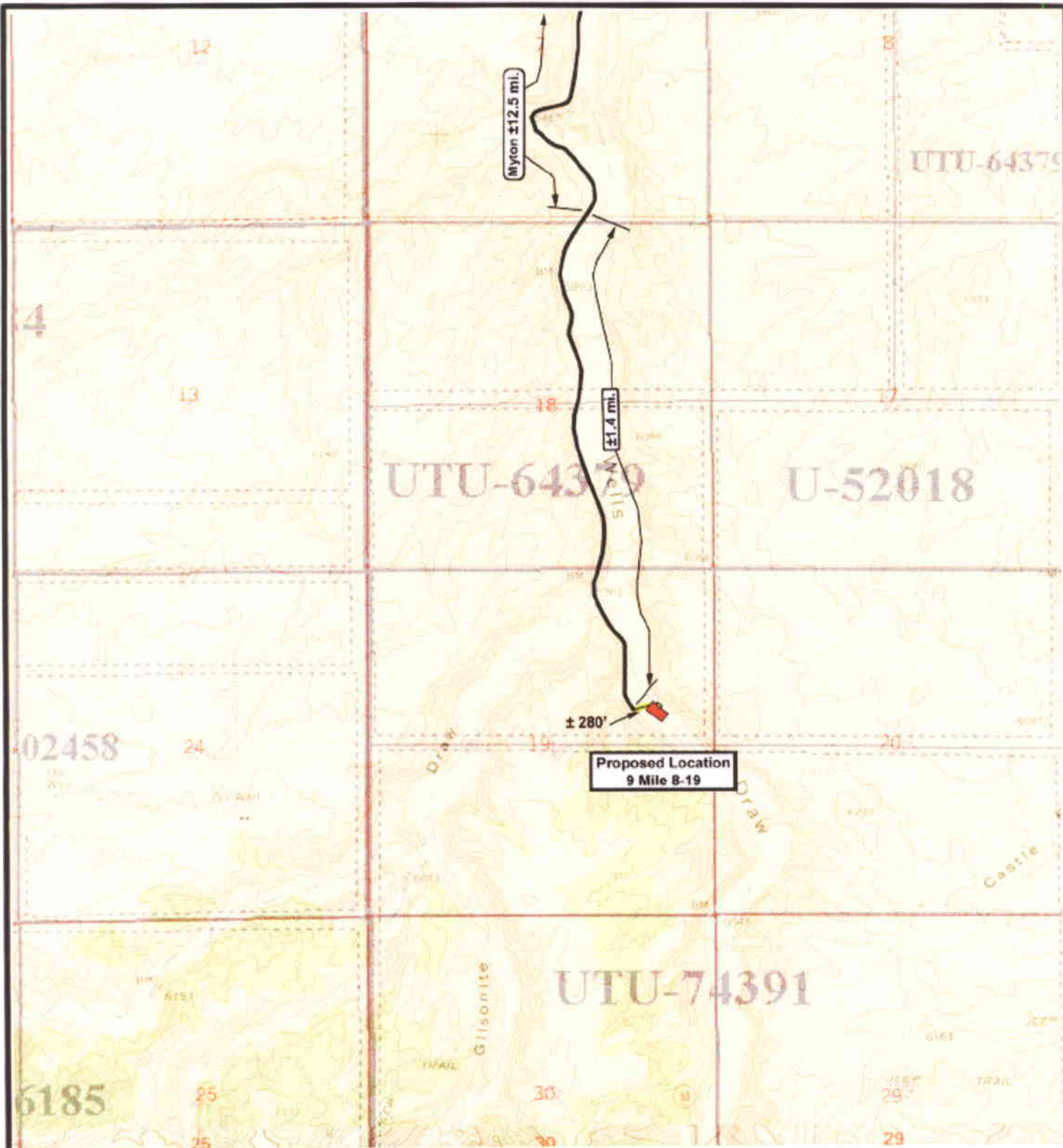
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



DATE: 03-05-2006

 Existing Road
 Proposed Access

"A"



NEWFIELD
Exploration Company

9 Mile 8-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.

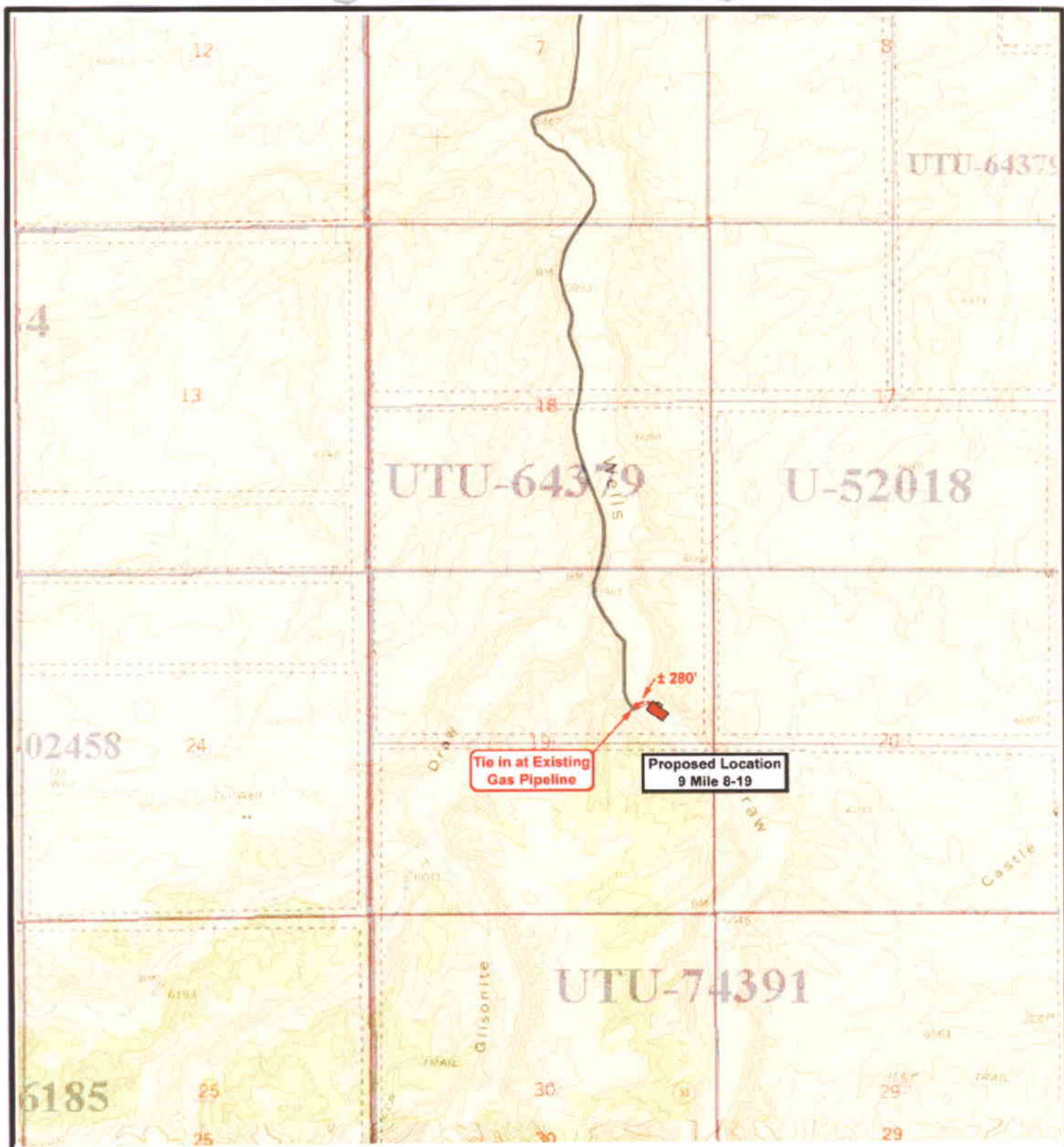





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

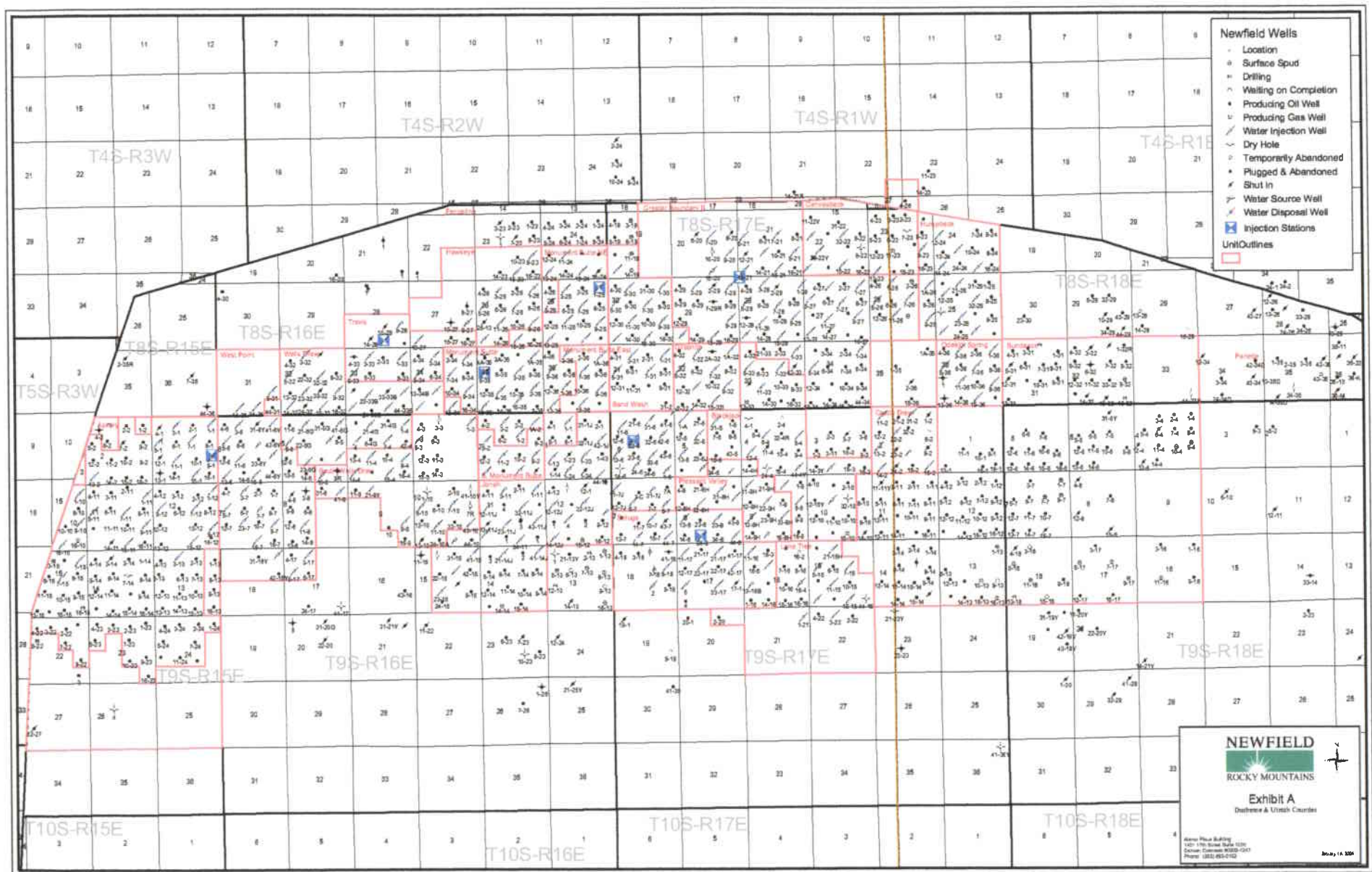
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 03-05-2006

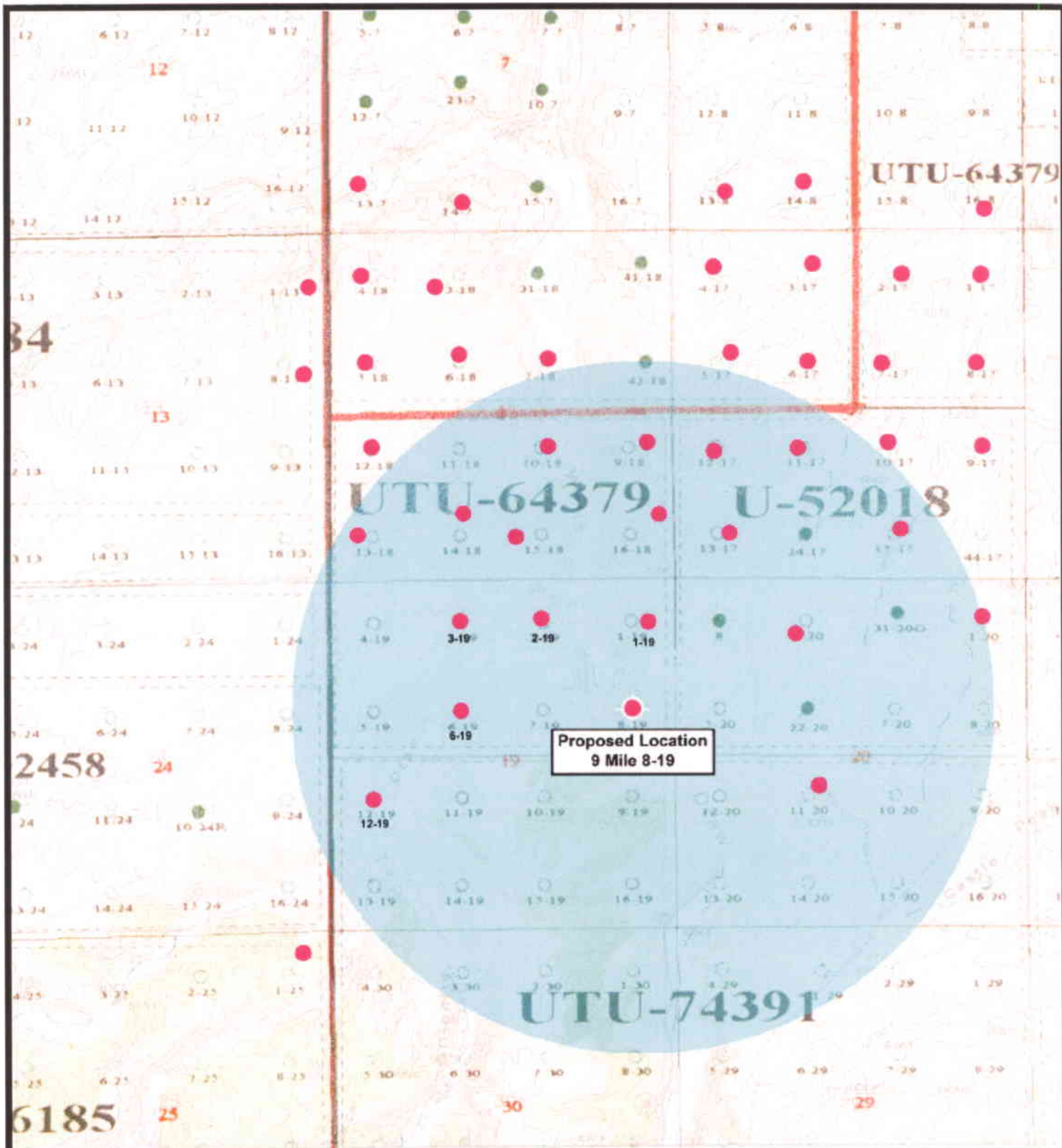
Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p>Legend</p> <p>— Roads</p> <p>- - - Proposed Gas Line</p>
<p>9 Mile 8-19-9-16 SEC. 19, T9S, R16E, S.L.B.&M.</p>		<p>SCALE: 1" = 2000'</p> <p>DRAWN BY: mw</p> <p>DATE: 03-05-2006</p>	<p>TOPOGRAPHIC MAP</p> <p>"C"</p>





NEWFIELD
Exploration Company

9 Mile 8-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 03-05-2006

Legend

- **Well Locations**
- **One-Mile Radius**

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

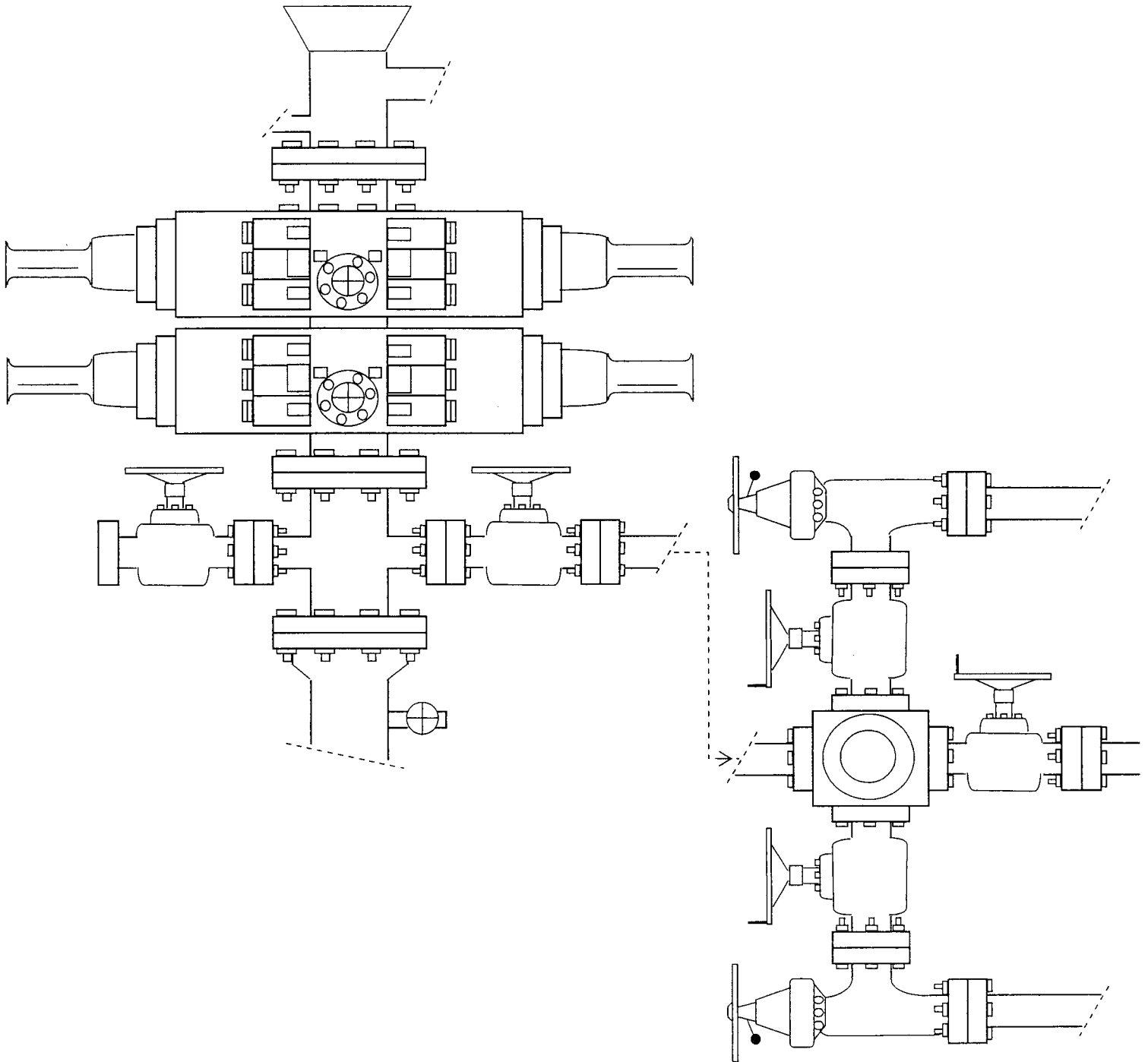


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/21/2006

API NO. ASSIGNED: 43-013-33101

WELL NAME: FEDERAL 8-19-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENE 19 090S 160E

SURFACE: 2136 FNL 0785 FEL

BOTTOM: 2136 FNL 0785 FEL

COUNTY: DUCHESNE

LATITUDE: 40.01786 LONGITUDE: -110.1547

UTM SURF EASTINGS: 572139 NORTHINGS: 4429871

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
-------------	----------	------

Engineering		
-------------	--	--

Geology		
---------	--	--

Surface		
---------	--	--

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. MUNICIPAL)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.

Unit: _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☐ R649-3-3. Exception

☐ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

☐ R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 8-19-9-16 Well, 2136' FNL, 785' FEL, SE NE, Sec. 19, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33101.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 8-19-9-16
API Number: 43-013-33101
Lease: UTU-64379

Location: SE NE **Sec.** 19 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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MAR 21 2006

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

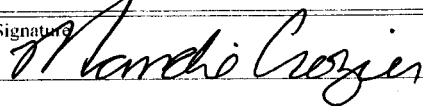
5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 8-19-9-16
9. API Well No. 43-013-33101
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 19, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 2136' FNL 785' FEL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 13.9 miles southwest of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 504' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1878'	19. Proposed Depth 5830'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5984' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spurt to ng release.

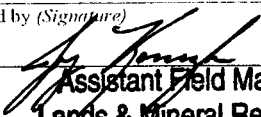
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/17/06
---	---	------------------------

Title
Regulatory Specialist

Approved by (Signature) 	Name (Printed/Typed) TERRY HENSKA	Date 2-15-2007
---	---	--------------------------

Title
**Assistant Field Manager
Lands & Mineral Resources**

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

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FEB 26 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

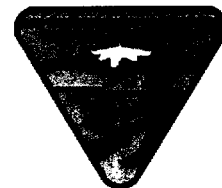
No NOS

07BM4681A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 8-19-9-16
API No: 43-013-33101

Location: SENE, Sec 19, T9S, R16E
Lease No: UTU-64379
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chuck Macdonald) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Golden Eagle and Sage Grouse habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden Eagle and Sage Grouse habitats from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (during construction and drilling):
 - From **February 1 through July 15** – in order to protect Golden Eagle nesting season.
 - From **March 1 through June 30** – in order to protect Sage Grouse nesting season.

CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- As per Alternative A in 'Environmental Impact Statement and Record of Decision, Castle Peak and Eightmile Flat Oil and Gas Expansion Project Newfield Rocky Mountain Inc.', no wells will be constructed within 200 feet of a floodplain and stream channels.
- Recommendation made during onsite to move location of this well 120 feet westward, is reinforced.
- Right of way (ROW) will not be required.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Crested Wheatgrass (<i>Agropyron cristatum</i>)	4 lbs/acre
Needle and Thread Grass (<i>Stipa comata</i>)	4 lbs/acre
Indian Rice Grass (<i>Oryzopsis hymenoides</i>)	4 lbs/acre

 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The bhoie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the bhoie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

2136 FNL 785 FEL SE/NE Section 19, T9S R16E

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 8-19-9-16

9. API Well No.

43-013-33101

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/27/06 (expiration 3/27/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-12-07
By: [Signature]

3-12-07
RM

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MAR 09 2007

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

DIV OF OIL, GAS & MINING

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33101
Well Name: Federal 8-19-9-16
Location: SE/NE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

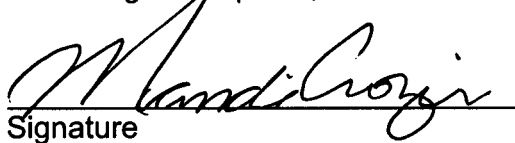
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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MAR 09 2007

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 8-19-9-16

Api No: 43-013-33101 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 10/25/07

Time 2:30 PM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 10/26/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTOM, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					Q1	SC	TP	RG			
A	99999	16473	4301333101	FEDERAL 8-19-9-16	SENE	19	9S	16E	DUCHESNE	10/25/2007	11/20/07
WELL 1 COMMENTS: GRRV											
A	99999	16474	4304739491	UTE TRIBAL 3-25-4-1	NENW	25	4S	1W	DUCHESNE	10/27/2007	11/20/07
GRRV											
A	99999	16475	4301333162	FEDERAL 15-19-9-16	SWSE	19	9S	16E	DUCHESNE	10/29/2007	11/20/07
GRRV											
B	99999	11492	4301333496	JONAH FED J-6-9-17	SENE	6	9S	17E	DUCHESNE	10/29/2007	11/20/07
GRRV BHL = SENE											
B	99999	11492	4301333494	JONAH FED H-6-9-17	SWNE	6	9S	17E	DUCHESNE	10/30/2007	11/20/07
WELL 5 COMMENTS: GRRV BHL = SWNE 43-013-33494											
A	99999	16476	4301333163	FEDERAL 16-19-9-16	SESE	19	9S	16E	DUCHESNE	10/31/2007	11/20/07
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

NOV 02 2007

DIVISION OF OIL, GAS & MINING

Signature: *[Signature]* Jenri Park
Production Clerk
Date: 11/01/07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2136 FNL 785 FEL
SENE Section 19 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 8-19-9-16

9. API Well No.

4301333101

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/28/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5808'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 150 jt's of 5.5 J-55, 15.5# csgn. Set @ 5808.64' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 38 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 8:30 PM on 11/02/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

11/09/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NOV 14 2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5808.64

Ft clr @ 5768.76

LAST CASING 8 5/8" Set @ 318.43

OPERATOR Newfield F

DATUM 12' KB

WELL Federal 8-19-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5800' Loggers 5807'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					0
		Short jt 3998'/6.68'					
149	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5768.91
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	39.23
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5810.64
TOTAL LENGTH OF STRING		5810.64	150	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		1.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		234.54	6	CASING SET DEPTH			5808.64
TOTAL		6043.93	156	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6043.93	156				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11/2/2007	8:30 AM	GOOD CIRC THRU JOB YES			
CSG. IN HOLE		11/2/2007	12:00 PM	Bbls CMT CIRC TO SURFACE 38			
BEGIN CIRC		11/2/2007	12:15 PM	RECIPROCATED PIPE FOR THRUSTROKE NA			
BEGIN PUMP CMT		11/2/2007	2:44 PM	DID BACK PRES. VALVE HOLD ? YES			
BEGIN DSPL. CMT		11/2/2007	3:38 PM	BUMPED PLUG TO 2200 PSI			
PLUG DOWN		11/2/2007	4:03 PM				

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premilite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Jim Smith DATE 11/3/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2136 FNL 785 FEL
SENE Section 19 T9S R16E

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 8-19-9-16

9. API Well No.
4301333101

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 12/06/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

DEC 11 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

8. WELL NAME and NUMBER:

FEDERAL 8-19-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333101

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2136 FNL 785 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 19, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

12/06/2007

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - Weekly Status Report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 12/6/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Tammi Lee

TITLE Production Clerk

SIGNATURE

DATE 12/27/2007

(This space for State use only)

RECEIVED

JAN 03 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 8-19-9-16**10/1/2007 To 2/29/2008****11/16/2007 Day: 1****Completion**

Rigless on 11/15/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5716' & cement top @ 79'. Perforate stage #1. CP3 sds @ 5486-5502' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. 137 BWTR. SIFN.

11/21/2007 Day: 2**Completion**

Rigless on 11/20/2007 - Stage #1, CP3 sds. RU BJ Services. 5 psi on well. Frac CP3 sds w/ 54,412#'s of 20/40 sand in 517 bbls of Lightning 17 fluid. Broke @ 2807 psi. Treated w/ ave pressure of 2115 psi w/ ave rate of 24.8 BPM. Pumped 504 gals of 15% hcl acid for stage #2. ISIP 2280 psi. Leave pressure on well. 654 BWTR. Stage #2, LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5360'. Perforate LODC sds @ 5252-60' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1965 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1840 psi on well. Frac LODC sds w/ 29,857#'s of 20/40 sand in 395 bbls of Lightning 17 fluid. Broke @ 4048 psi. Treated w/ ave pressure of 2503 psi @ ave rate of 24.8 BPM. ISIP 2588 psi. Leave pressure on well. 1049 BWTR. Stage #3, LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5120'. Perforate LODC sds @ 5008-20' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1980 psi on well. Perfs would not break. SWIFN w/ 3800 psi on well.

11/22/2007 Day: 3**Completion**

Rigless on 11/21/2007 - Stage #3, LODC sds. RU BJ Services. 1365 psi on well. Frac LODC sds w/ 40,138#'s of 20/40 sand in 429 bbls of Lightning 17 fluid. Broke @ 2511 psi. Treated w/ ave pressure of 2160 psi w/ ave rate of 24.8 BPM. Pumped 504 gals of 15% hcl acid for stage #4. ISIP 2245 psi. Leave pressure on well. 1478 BWTR. Stage #4, A1 & A3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 5 & 8' perf guns. Set plug @ 4890'. Perforate A3 sds @ 4794-4802' & A1 sds @ 4760-65' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1945 psi on well. Frac A1 & A3 sds w/ 29,507#'s of 20/40 sand in 375 bbls of Lightning 17 fluid. Broke @ 4299 psi. Treated w/ ave pressure of 2470 psi @ ave rate of 24.8 BPM. ISIP 2715 psi. Leave pressure on well. 1853 BWTR. Stage #5, C sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4680'. Perforate C sds @ 4572-84' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1810 psi on well. Frac C sds w/ 14,617#'s of 20/40 sand in 263 bbls of Lightning 17 fluid. Broke @ 4135 psi. Treated w/ ave pressure of 2150 psi @ ave rate of 24.8 BPM. ISIP 1945 psi. Leave pressure on well. 2116 BWTR. Stage #6, D3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 4540'. Perforate D3 sds @ 4502-10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1107 psi on well. Frac D3 sds w/ 34,878#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Broke @ 3975 psi. Treated w/ ave pressure of 2443 psi @ ave rate of 23.5 BPM. ISIP 2230 psi. Leave pressure on well. 2612 BWTR. Stage #7, D1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' perf gun. Set plug @ 4460'. Perforate D1 sds @ 4420-27' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 11 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. Perfs would not break. Flow well back for 30 min. RU BJ Services. Perfs would not break. RD BJ Services & The Perforators WL. Open well to pit for

flowback @ 1 bpm. Flowed for 2 1/2 hrs. Rec. 145 BTF. Well cleaned up. SIWFN w/ 2437 BWTR.

11/27/2007 Day: 4

Completion

Leed #731 on 11/26/2007 - RU BJ services. 200 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators WLT, crane & lubricator. Dump bail acid. Tagged sand @ 4258' (162' of sand covering perfs). RD BJ Services & WL. MIRU Leed rig #731. SIWFN w/ 2437 BWTR.

11/28/2007 Day: 5

Completion

Leed #731 on 11/27/2007 - 0 psi on well. NU 5M Cameron pipe rams. Talley PU & RIH w/ 2 7/8 NC 1- jt tbg, SN & 135 jts of 2 7/8" J-55 tbg. Tagged sand @ 4260'. RU pump & lines. Circulate well clean down to plug @ 4460'. TOH w/ tbg. Pressure up on well. Broke @ 2600 psi, Pumped 5 bbls in to perfs @ 2 BPM @ 2300 psi, ISIP 1400 psi. SIWFN w/ 2449 BWTR.

11/29/2007 Day: 6

Completion

Leed #731 on 11/28/2007 - RU BJ Services. 8 psi on well. Frac D1 sds w/ 55,428#'s of 20/40 sand in 553 bbls of Lightning 17 fluid. Broke @ 2671 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2201 psi @ ave rate of 23.9 BPM. ISIP 2142 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 1/2 hrs & died. Rec. 205 BTF. ND cameron pipe rams, Blind rams & 5M WH. NU 3M WH & Schaffer BOP. PU & RIH w/ 4 3/4" bit, Bit sub, 1-jt, SN & 140 jts of tbg. Tagged sand @ 4410'. LD 2-jts of tbg. Circulate well clean w/ 110 bbls. Drain pump & lines. SIWFN w/ 2797 BWTR.

11/30/2007 Day: 7

Completion

Leed #731 on 11/29/2007 - 0 psi on well. PU 2 jts of tbg. Tagged sand @ 4410'. RU Nabor power swivel. Circulate sand & drill out plugs. Sand @ 4410', Plug @ 4460' (Drilled up in 45 mins), Plug @ 4540', No sand (Drilled up in 30 mins), Plug @ 4680', No sand (Drilled up in 30 mins), Plug @ 4890', No sand (Drilled up in 35 mins), Tagged sand 4945', Plug @ 5120' (Drilled up in 25 mins), Tagged sand @ 5330', Plug @ 5360' (Drilled up in 30 mins). Circulate well clean. Drain pump & lines. SIWFN w/ 2777 BWTR.

12/1/2007 Day: 8

Completion

Leed #731 on 11/30/2007 - 50 psi on well. PU 29 jts of tbg. Tagged sand @ 5600'. RU Nabor power swivel. Circulate sand out to PBTD @ 5768'. LD 2 jts of tbg. RU swab equipment. Made 8 runs, IFL @ surface, FFL @ 600', Trace of oil, No sand. Rec 155 BTF. TIH w/ 2jts of tbg. Tagged sand @ 5763'. C/O to PBTD @ 5768'. LD 6 jts of 2 7/8" tbg. Drain pump & lines. SIWFN w/ 2732 BWTR.

12/4/2007 Day: 9

Completion

Leed #731 on 12/3/2007 - 10 psi on well. Hot oiler thawed out BOP, WH. ND WH. Try to set TA, Was unable to set TA. NU BOP. TOH w/ tbg. PU new TA. TIH w/ tbg same as pulled: NC, 2-jts, SN, 1-jt, TA & 176 jts of tbg. ND BOP. NU WH. Flush tbg w/ 60 bbls of wtr. SIWFN w/ 2772 BWTR.

12/6/2007 Day: 10

Completion

Leed #731 on 12/5/2007 - 0 psi on well. Hot oiler thawed out WH. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 18' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 95-3/4" plain rods, 99-3/4" scraped rods, 1 1/2" X 26' polished rod. Hang head, Pressure test to 800 psi. Left well down due to treater issues. 2772 BWTR.

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2136 FNL 785 FEL		8. WELL NAME and NUMBER: FEDERAL 8-19-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 19, T9S, R16E		9. API NUMBER: 4301333101
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/07/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 12/7/07, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Tammi Lee</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u></u>	DATE <u>01/17/2008</u>

(This space for State use only)

RECEIVED
JAN 18 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 8-19-9-16**9/1/2007 To 1/30/2008****11/16/2007 Day: 1****Completion**

Rigless on 11/15/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5716' & cement top @ 79'. Perforate stage #1. CP3 sds @ 5486-5502' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. 137 BWTR. SIFN.

11/21/2007 Day: 2**Completion**

Rigless on 11/20/2007 - Stage #1, CP3 sds. RU BJ Services. 5 psi on well. Frac CP3 sds w/ 54,412#'s of 20/40 sand in 517 bbls of Lightning 17 fluid. Broke @ 2807 psi. Treated w/ ave pressure of 2115 psi w/ ave rate of 24.8 BPM. Pumped 504 gals of 15% hcl acid for stage #2. ISIP 2280 psi. Leave pressure on well. 654 BWTR. Stage #2, LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5360'. Perforate LODC sds @ 5252-60' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1965 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1840 psi on well. Frac LODC sds w/ 29,857#'s of 20/40 sand in 395 bbls of Lightning 17 fluid. Broke @ 4048 psi. Treated w/ ave pressure of 2503 psi @ ave rate of 24.8 BPM. ISIP 2588 psi. Leave pressure on well. 1049 BWTR. Stage #3, LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5120'. Perforate LODC sds @ 5008-20' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1980 psi on well. Perfs would not break. SWIFN w/ 3800 psi on well.

11/22/2007 Day: 3**Completion**

Rigless on 11/21/2007 - Stage #3, LODC sds. RU BJ Services. 1365 psi on well. Frac LODC sds w/ 40,138#'s of 20/40 sand in 429 bbls of Lightning 17 fluid. Broke @ 2511 psi. Treated w/ ave pressure of 2160 psi w/ ave rate of 24.8 BPM. Pumped 504 gals of 15% hcl acid for stage #4. ISIP 2245 psi. Leave pressure on well. 1478 BWTR. Stage #4, A1 & A3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 5 & 8' perf guns. Set plug @ 4890'. Perforate A3 sds @ 4794-4802' & A1 sds @ 4760-65' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1945 psi on well. Frac A1 & A3 sds w/ 29,507#'s of 20/40 sand in 375 bbls of Lightning 17 fluid. Broke @ 4299 psi. Treated w/ ave pressure of 2470 psi @ ave rate of 24.8 BPM. ISIP 2715 psi. Leave pressure on well. 1853 BWTR. Stage #5, C sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4680'. Perforate C sds @ 4572-84' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1810 psi on well. Frac C sds w/ 14,617#'s of 20/40 sand in 263 bbls of Lightning 17 fluid. Broke @ 4135 psi. Treated w/ ave pressure of 2150 psi @ ave rate of 24.8 BPM. ISIP 1945 psi. Leave pressure on well. 2116 BWTR. Stage #6, D3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 4540'. Perforate D3 sds @ 4502-10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1107 psi on well. Frac D3 sds w/ 34,878#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Broke @ 3975 psi. Treated w/ ave pressure of 2443 psi @ ave rate of 23.5 BPM. ISIP 2230 psi. Leave pressure on well. 2612 BWTR. Stage #7, D1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' perf gun. Set plug @ 4460'. Perforate D1 sds @ 4420-27' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 11 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. Perfs would not break. Flow well back for 30 min. RU BJ Services. Perfs would not break. RD BJ Services & The Perforators WL. Open well to pit for

flowback @ 1 bpm. Flowed for 2 1/2 hrs. Rec. 145 BTF. Well cleaned up. SIWFN w/ 2437 BWTR.

11/27/2007 Day: 4

Completion

Leed #731 on 11/26/2007 - RU BJ services. 200 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators WLT, crane & lubricator. Dump bail acid. Tagged sand @ 4258' (162' of sand covering perfs). RD BJ Services & WL. MIRU Leed rig #731. SIWFN w/ 2437 BWTR.

11/28/2007 Day: 5

Completion

Leed #731 on 11/27/2007 - 0 psi on well. NU 5M Cameron pipe rams. Talley PU & RIH w/ 2 7/8" NC 1-jt tbg, SN & 135 jts of 2 7/8" J-55 tbg. Tagged sand @ 4260'. RU pump & lines. Circulate well clean down to plug @ 4460'. TOH w/ tbg. Pressure up on well. Broke @ 2600 psi, Pumped 5 bbls in to perfs @ 2 BPM @ 2300 psi, ISIP 1400 psi. SIWFN w/ 2449 BWTR.

11/29/2007 Day: 6

Completion

Leed #731 on 11/28/2007 - RU BJ Services. 8 psi on well. Frac D1 sds w/ 55,428#'s of 20/40 sand in 553 bbls of Lightning 17 fluid. Broke @ 2671 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2201 psi @ ave rate of 23.9 BPM. ISIP 2142 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 1/2 hrs & died. Rec. 205 BTF. ND cameron pipe rams, Blind rams & 5M WH. NU 3M WH & Schaffer BOP. PU & RIH w/ 4 3/4" bit, Bit sub, 1-jt, SN & 140 jts of tbg. Tagged sand @ 4410'. LD 2-jts of tbg. Circulate well clean w/ 110 bbls. Drain pump & lines. SIWFN w/ 2797 BWTR.

11/30/2007 Day: 7

Completion

Leed #731 on 11/29/2007 - 0 psi on well. PU 2 jts of tbg. Tagged sand @ 4410'. RU Nabor power swivel. Circulate sand & drill out plugs. Sand @ 4410', Plug @ 4460' (Drilled up in 45 mins), Plug @ 4540', No sand (Drilled up in 30 mins), Plug @ 4680', No sand (Drilled up in 30 mins), Plug @ 4890', No sand (Drilled up in 35 mins), Tagged sand 4945', Plug @ 5120' (Drilled up in 25 mins), Tagged sand @ 5330', Plug @ 5360' (Drilled up in 30 mins). Circulate well clean. Drain pump & lines. SIWFN w/ 2777 BWTR.

12/1/2007 Day: 8

Completion

Leed #731 on 11/30/2007 - 50 psi on well. PU 29 jts of tbg. Tagged sand @ 5600'. RU Nabor power swivel. Circulate sand out to PBTD @ 5768'. LD 2 jts of tbg. RU swab equipment. Made 8 runs, IFL @ surface, FFL @ 600', Trace of oil, No sand. Rec 155 BTF. TIH w/ 2jts of tbg. Tagged sand @ 5763'. C/O to PBTD @ 5768'. LD 6 jts of 2 7/8" tbg. Drain pump & lines. SIWFN w/ 2732 BWTR.

12/4/2007 Day: 9

Completion

Leed #731 on 12/3/2007 - 10 psi on well. Hot oiler thawed out BOP, WH. ND WH. Try to set TA, Was unable to set TA. NU BOP. TOH w/ tbg. PU new TA. TIH w/ tbg same as pulled: NC, 2-jts, SN, 1-jt, TA & 176 jts of tbg. ND BOP. NU WH. Flush tbg w/ 60 bbls of wtr. SIWFN w/ 2772 BWTR.

12/6/2007 Day: 10

Completion

Leed #731 on 12/5/2007 - 0 psi on well. Hot oiler thawed out WH. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 18' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 95-3/4" plain rods, 99-3/4" scraped rods, 1 1/2" X 26' polished rod. Hang head, Pressure test to 800 psi. Left well down due to treater issues. 2772 BWTR.

12/7/2007 Day: 11

Completion

Rigless on 12/7/2007 - Repaired surface equipment & PWOP @ 9:00am, 74" SL, 5.5 SPM, 2772 BWTR. Final report.

(See other in-
structions on
reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELLGAS
WELL

DRY



Other

1b. TYPE OF WELL

NEW
WELLWORK
OVER

DEEPEN

PLUG
BACKDIFF
RESVR.

Other

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

2136' FNL 785' FEL NW/NW SEC. 19, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33101

DATE ISSUED

3/27/07

12. COUNTY OR PARISH

DUCHESE

13. STATE

UT

15. DATE SPUDDED

10/25/07

16. DATE T.D. REACHED

11/2/07

17. DATE COMPL. (Ready to prod.)

12/6/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5984' GL 5996' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5800'

21. PLUG BACK T.D., MD & TVD

5768'

22. IF MULTIPLE COMPL.,
HOW MANY*INTERVALS
DRILLED BY
----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4420'-5502'

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	320'	12 1/4"	To surface w/ 160 sx class "G" cement	
5-1/2" J-55	15.5#	5808'	7 7/8"	300' sx Primlite II & 400' sx 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5575'	TA @ 5477'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL

SIZE

SPF/NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

CP3 sds 5486'-5502'	.49"	4/64	5486'-5502'	Frac w/ 54,512#s of 20/40 in 517' of fluid
LODC sds 5252'-5260'	.49"	4/32	5252'-5260'	Frac w/ 29,857 #s of 20/40 ub 395 bbls of fluid
LODC sds 5008'-5020'	.49"	4/48	5008'-5020'	Frac w/ 40,138 #s of 20/40 in 429 bbls of fluid
A1 sds 4760'-4765', A3 sds 4794'-4802'	.49"	4/52	4760'-4802'	Frac w/ 20,507 #s 20/40 in 375 bbls of fluid
C sds 4572'-4584'	.49"	4/48	4572'-4584'	Frac w/ 14,617 #s 20/40 in 263 bbls of fluid
D3 sds 4502'-4510'	.49"	4/32	4502'-4510'	Frac w/ 34,878 #s 20/40 in 496 bbls of fluid
D1 sds 4420'-4427'	.49"	4/28	4420'-4427'	Frac w/ 55,428 #s 20/40 in 553 bbls of fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 12/6/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16 x 19.5 RHAC SM PUMP							WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD ----->	OIL--BBL. 78	GAS--MCF. 72	WATER--BBL. 20		GAS-OIL RATIO 57		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.		WATER--BBL.		OIL GRAVITY-API (CORR.)		
RECEIVED										

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE

Production Technician

DATE

12/27/2007

Tammi Lee

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
38.			Well Name Federal 8-19-9-16	Garden Gulch Mkr	3429'	
				Garden Gulch 1	3630'	
				Garden Gulch 2	3736'	
				Point 3 Mkr	3978'	
				X Mkr	4244'	
				Y-Mkr	4274'	
				Douglas Creek Mkr	4384'	
				BiCarbonate Mkr	4590'	
				B Limestone Mkr	4682'	
				Castle Peak	5291'	
				Basal Carbonate	5731'	
				Wasatch	0	
				Total Depth (Loggers)	5807'	



Well Name: Federal 8-19-9-16

LOCATION: S19, T9S, R16E

COUNTY/STATE:

API:

Spud Date:

TD:

CSG:

POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
12/5/2006				2772				Waiting for final report
12/6/2006				2772				
12/7/2006	23	0	116	2656	16	35	5 1/4	
12/8/2006	24	0	129	2527	10	45	5 1/4	
12/9/2006	24	0	85	2442	10	30	5 1/4	
12/10/2006	24	51	28	2414	56	80	5 1/2	
12/11/2006	24	30	76	2338	5	110	5 1/4	
12/12/2006	24	35	53	2285	5	30	5	
12/13/2006	24	48	72	2213	10	60	5 1/4	
12/14/2006	24	68	55	2158	30	50	5	
12/15/2006	24	88	37	2121	32	55	5 1/2	Drained 97 bbls water from T1 to T3
12/16/2006	24	66	32	2089	33	80	5 1/4	
12/17/2006	24	63	15	2074	31	80	5 1/4	
12/18/2006	24	62	18	2056	38	150	5 1/4	
12/19/2006	24	146	10	2046	103	110	5 1/2	
12/20/2006	22	291	83	1963	253	150	5 1/4	Clutched for oil sale
12/21/2006	24	0	0	1963	0	280	5 1/2	
12/22/2006	18	30	59	1904	73	140	5 1/4	
12/23/2006	24	25	0	1904	66	150	5 1/4	
12/24/2006	24	88	10	1894	93	150	5 1/4	
12/25/2006				1894				
12/26/2006	24	5	0	1894	65	65	5 1/2	Lowered rods 4"
12/27/2006				1894				
12/28/2006				1894				
12/29/2006				1894				
12/30/2006				1894				
12/31/2006				1894				
1/1/2007				1894				
1/2/2007				1894				
1/3/2007				1894				
1/4/2007				1894				
1/5/2007				1894				
		1096	878		929			

67319

(See other in-
structions on
reverse side)OMB NO. 1004-0137
Expires: February 28, 1995UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL ☒GAS
WELL ☐DRY ☐

Other _____

1b. TYPE OF WELL

NEW
WELL ☒WORK
OVER ☐DEEPEN ☐PLUG
BACK ☐DIFF
RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

2136' FNL 785' FEL NW/NW SEC. 19, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33101

DATE ISSUED

3/27/07

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUDDED

10/25/07

16. DATE T.D. REACHED

11/2/07

17. DATE COMPL. (Ready to prod.)

12/6/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5984' GL 5996' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5800'

21. PLUG BACK T.D., MD & TVD

5768'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4420'-5502'

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

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5-1/2" J-55	15.5#	5808'	7 7/8	300 sx Primlite II & 400 sx 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5575'	TA @ 5477'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL

SIZE

SPF/NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

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DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL.S. 78	GAS--MCF. 72	WATER--BBL. 20		GAS-OIL RATIO 57
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.		WATER--BBL.		OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for Fuel

JAN 24 2008

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Production Technician

DATE

12/27/2007

Tammi Lee

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
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					Garden Gulch 1	3630'	
					Garden Gulch 2	3736'	
					Point 3 Mkr	3978'	
					X Mkr	4244'	
					Y-Mkr	4274'	
					Douglas Creek Mkr	4384'	
					BiCarbonate Mkr	4590'	
					B Limestone Mkr	4682'	
					Castle Peak	5291'	
					Basal Carbonate	5731'	
					Wasatch	0	
					Total Depth (Loggers)	5807'	



Well Name: Federal 8-19-9-16

LOCATION: S19, T9S, R16E

COUNTY/STATE:

API:


Spud Date:

TD:

CSG:

POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
12/5/2006				2772				Waiting for final report
12/6/2006				2772				
12/7/2006	23	0	116	2656	16	35	5 1/4	
12/8/2006	24	0	129	2527	10	45	5 1/4	
12/9/2006	24	0	85	2442	10	30	5 1/4	
12/10/2006	24	51	28	2414	56	80	5 1/2	
12/11/2006	24	30	76	2338	5	110	5 1/4	
12/12/2006	24	35	53	2285	5	30	5	
12/13/2006	24	48	72	2213	10	60	5 1/4	
12/14/2006	24	68	55	2158	30	50	5	
12/15/2006	24	88	37	2121	32	55	5 1/2	Drained 97 bbls water from T1 to T3
12/16/2006	24	66	32	2089	33	80	5 1/4	
12/17/2006	24	63	15	2074	31	80	5 1/4	
12/18/2006	24	62	18	2056	38	150	5 1/4	
12/19/2006	24	146	10	2046	103	110	5 1/2	
12/20/2006	22	291	83	1963	253	150	5 1/4	Clutched for oil sale
12/21/2006	24	0	0	1963	0	280	5 1/2	
12/22/2006	18	30	59	1904	73	140	5 1/4	
12/23/2006	24	25	0	1904	66	150	5 1/4	
12/24/2006	24	88	10	1894	93	150	5 1/4	
12/25/2006				1894				
12/26/2006	24	5	0	1894	65	65	5 1/2	Lowered rods 4"
12/27/2006				1894				
12/28/2006				1894				
12/29/2006				1894				
12/30/2006				1894				
12/31/2006				1894				
1/1/2007				1894				
1/2/2007				1894				
1/3/2007				1894				
1/4/2007				1894				
1/5/2007				1894				
		1096	878		929			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 8-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FNL 0785 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331010000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/20/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 08/18/2014. On 08/19/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2014 the casing was pressured up to 1154 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 800 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining September 04, 2014 Date: _____ By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/26/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 8/20/14 Time 9:00 am pm

Test Conducted by: Dustin Allred

Others Present: _____

Federal
Well: 8-19-9-16

Field: GMBU

Well Location: SE/NE SEC. 19, T9S R16E API No: 43-013-33101

Duchesne County, Utah

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1154</u>	psig
5	<u>1154</u>	psig
10	<u>1155</u>	psig
15	<u>1154</u>	psig
20	<u>1154</u>	psig
25	<u>1154</u>	psig
30 min	<u>1154</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 800 psig

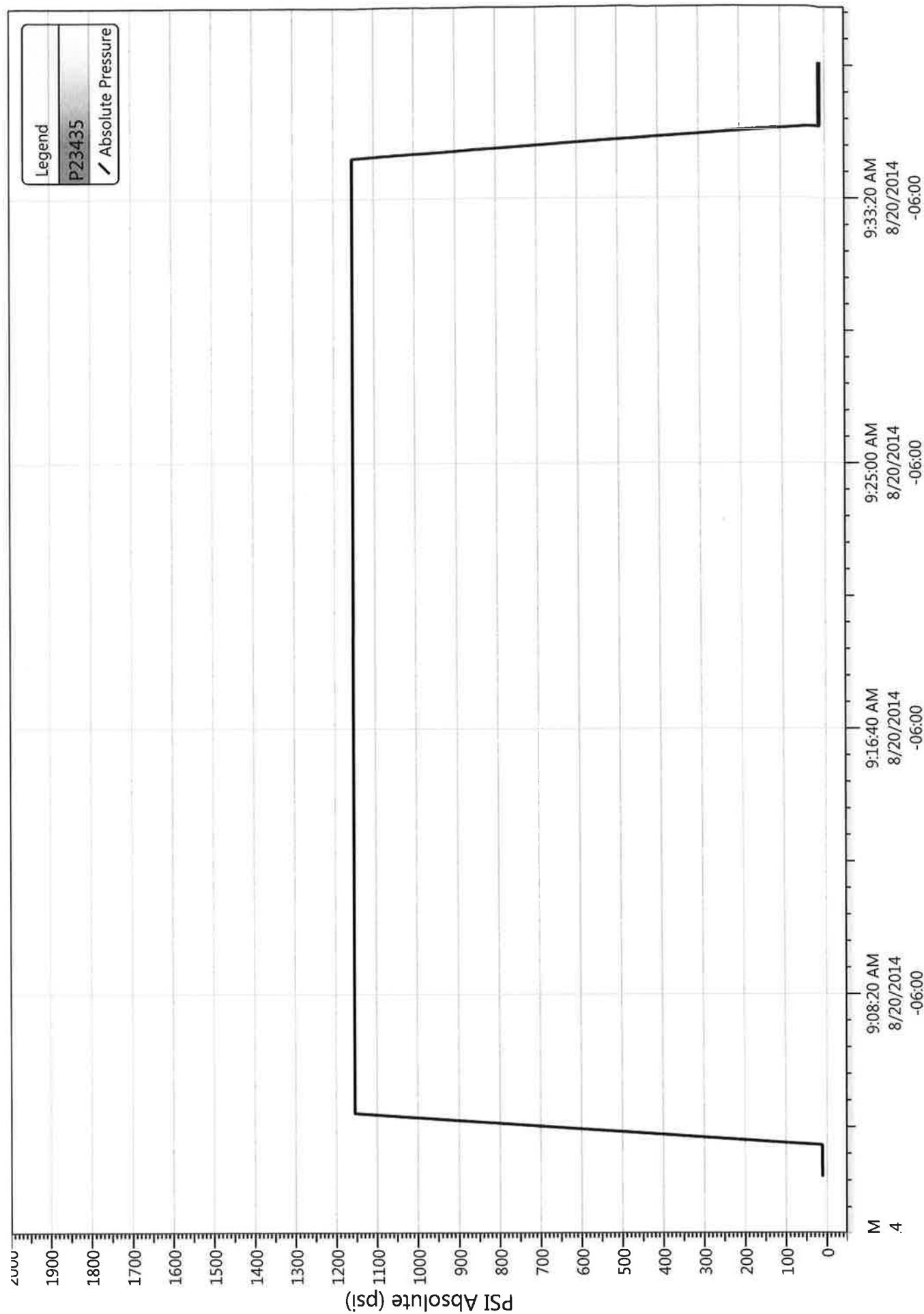
Result: **Pass** **Fail**

Signature of Witness: _____

Signature of Person Conducting Test: Dustin Allred

8-19-9-16 MIT W/Chris #4

8/20/2014 8:59:37 AM





Job Detail Summary Report

Sundry Number: 54814 API Well Number: 43013331010000

Well Name: Federal 8-19-9-16

Jobs		
Primary Job Type	Job Start Date	Job End Date
Conversion	7/24/2014	8/20/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
7/24/2014	7/24/2014	MIRU	
Start Time	End Time	Comment	
	06:00	CREW TRAVEL AND JSP MEETING	
Start Time	End Time	Comment	
	07:00	RIG DOWN - RACK OUT PUMP AND HARDLINE - CLEAN UP LOCATION - PRE TRIP INSPECTION	
Start Time	End Time	Comment	
	09:00	ROAD RIG FROM 126-6-9-16	
Start Time	End Time	Comment	
	10:30	WAIT FOR BASE BEAM TO BE DELIVERED - SPOT IN BASE BEAM - SPOT IN RIG - RIG UP	
Start Time	End Time	Comment	
	12:30	R/D HORSE HEAD - UNSEAT ROD PUMP - FLUSH RODS AND TBG W/ 40 BBLs - SOFT SEAT PUMP - PRESSURE TEST TBG TO 3000 PSI - GOOD TEST	
Start Time	End Time	Comment	
	14:00	L/D ROD STRING - (1) 1 1/2" x 30' POLISH ROD, (1) 2' x 3/4" PONY, (1) 6' x 3/4" PONY, (98) 3/4" 4 PER GUIDED, (95) 3/4" PLAIN, (20) 3/4" 4 PER GUIDED, (6) 1 1/2" WT BARS, L/D PUMP	
Start Time	End Time	Comment	
	17:00	CHANGE OVER FOR TBG - UNLAND B1 FLANGE - RELEASE TAC - N/U BOPS - R/U WORKFLOOR - SWIFN	
Start Time	End Time	Comment	
	19:00	CREW TRAVEL HOME	
Start Time	End Time	Comment	
	20:00		
Report Start Date	Report End Date	24hr Activity Summary	
7/25/2014	7/25/2014	LD TBG. MU BHA	
Start Time	End Time	Comment	
	06:00	CREW TRAVEL, SAFETY MTG JSA HSE	
Start Time	End Time	Comment	
	07:00	CLEED OFF WELL, POOH STANDING BACK 138 JTS. 2 7/8" J-55 TBG, BROKE OUT, CLEANED, AND REDOPED ALL COLLARS. L/D 39 JTS. 2 7/8" TBG., L/D BHA.	
Start Time	End Time	Comment	
	13:00	MADE UP NEW BHA: REENTRY GUIDE, 2 7/8" XN-NUPPLE, 4'2 3/8 TBG TUB, XO, AS-1 PACKER, ON/OFF TOOL, 2 7/8" SN, RIH W/ 138 JTS 2 7/8" J-55 TBG	
Start Time	End Time	Comment	
	15:30	PUMPED 15 BBLs DOWN TBG. DROP STANDING VALVE. FILL TBG PRESSURE TEST TO 3000#, HELD FOR 30 MIN. GOOD TEST	
Start Time	End Time	Comment	
	17:00	RIG UP SANDLINE EQUIP, RIH W/ OVERSHOT, FISH STANDING VALVE @ 4330', RIG DOWN SANDLINE EQUIP., SHUT WELL IN.	
Start Time	End Time	Comment	
	18:30	CREW TRAVEL	
Start Time	End Time	Comment	
	19:30		
Report Start Date	Report End Date	24hr Activity Summary	
7/28/2014	7/28/2014	BLEED OFF WELL, ND WORKFLOOR, ND BOP, PUMP DOWN PACKER FLUID	
Start Time	End Time	Comment	
	06:00	CREW TRAVEL, SAFETY MTG JSA, HSE	
Start Time	End Time	Comment	
	07:00	BLEED OFF WELL, RIG DOWN WORK FLOOR, ND BOP	
Start Time	End Time	Comment	
	08:30	MIRU FLAME HOT OIL, MIX & PUMP 50 BBLs PKR FLUID DOWN CSG AT 90 DEG	
Start Time	End Time	Comment	
	09:30	SET PACKER @ 4349.37, LAND W/ 15000# TENSION ON TBG, NU BONNET	
Start Time	End Time	Comment	
	10:00		

NEWFIELD**Job Detail Summary Report****Well Name: Federal 8-19-9-16**

Start Time	10:00	End Time	13:00	Comment
				FILL & PRESSURE CSG TO 1480# TEST FOR 30 MINUTES, BAD TEST, CSG BLEED DOWN 50 PSI
Start Time	13:00	End Time	14:00	Comment
				PRESSURE UP CSG TO 1520# TEST FOR 30 MINUTES, BAD TEST
Start Time	14:00	End Time	16:30	Comment
				PRESSURE UP CSG TO 1650# SHUT WELL IN
Start Time	16:30	End Time	17:30	Comment
				CREW TRAVEL
Report Start Date	7/29/2014	Report End Date	7/29/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Comment
				CREW TRAVEL, SAFETY TMG JSA HSE
Start Time	07:00	End Time	10:00	Comment
				RIG UP PRESSURE TEST EQUIP, TEST CSG FOR 30 MIN, GOOD TEST
Start Time	10:00	End Time	11:00	Comment
				RIG DOWN, LOAD EQUIP
Report Start Date	8/15/2014	Report End Date	8/15/2014	24hr Activity Summary
Start Time	09:30	End Time	10:30	Comment
				Road rig from N-26-9-15 to 8-19-9-16 rig up
Start Time	10:30	End Time	13:00	Comment
				Bleed off tbg pres RU HO pump 10bbl pad drop SV fill tbg w/ 20bbls pres up to 3000psi 11:30am watch 30 mins lost 120psi pres back up watch 30mins lost 20psi watch 30 more mins gained 20psi bleed off pre
Start Time	13:00	End Time	16:00	Comment
				RU HO to csg -0bbls to fill pres up to 1500psi watch 30mins no loss watch another 30mins still no loss keep watching csg pres rest of day 16:00pm no loss SWIFN RUN MIT MONDAY MORNING.
Start Time	16:00	End Time	17:00	Comment
				CREW TRAVEL
Report Start Date	8/18/2014	Report End Date	8/18/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Comment
				crew travel and safety mtg
Start Time	07:00	End Time	09:00	Comment
				Ck csg pres 1120psi lost 360psi over the weekend RIH retrieve SV POOH RD sandline RU HO to csg pres up to 1500psi watch 2hrs no loss
Start Time	09:00	End Time	11:00	Comment
				RU MIT test watch 30mis gained 10psi watch another 30mins gained 6psi Ben called it good test RDMO.(FINAL REPORT
Report Start Date	8/20/2014	Report End Date	8/20/2014	24hr Activity Summary
Start Time	09:00	End Time	09:30	Comment
				On 08/19/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2014 the casing was pressured up to 1154 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 800 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic

Well Name: Federal 8-19-9-16

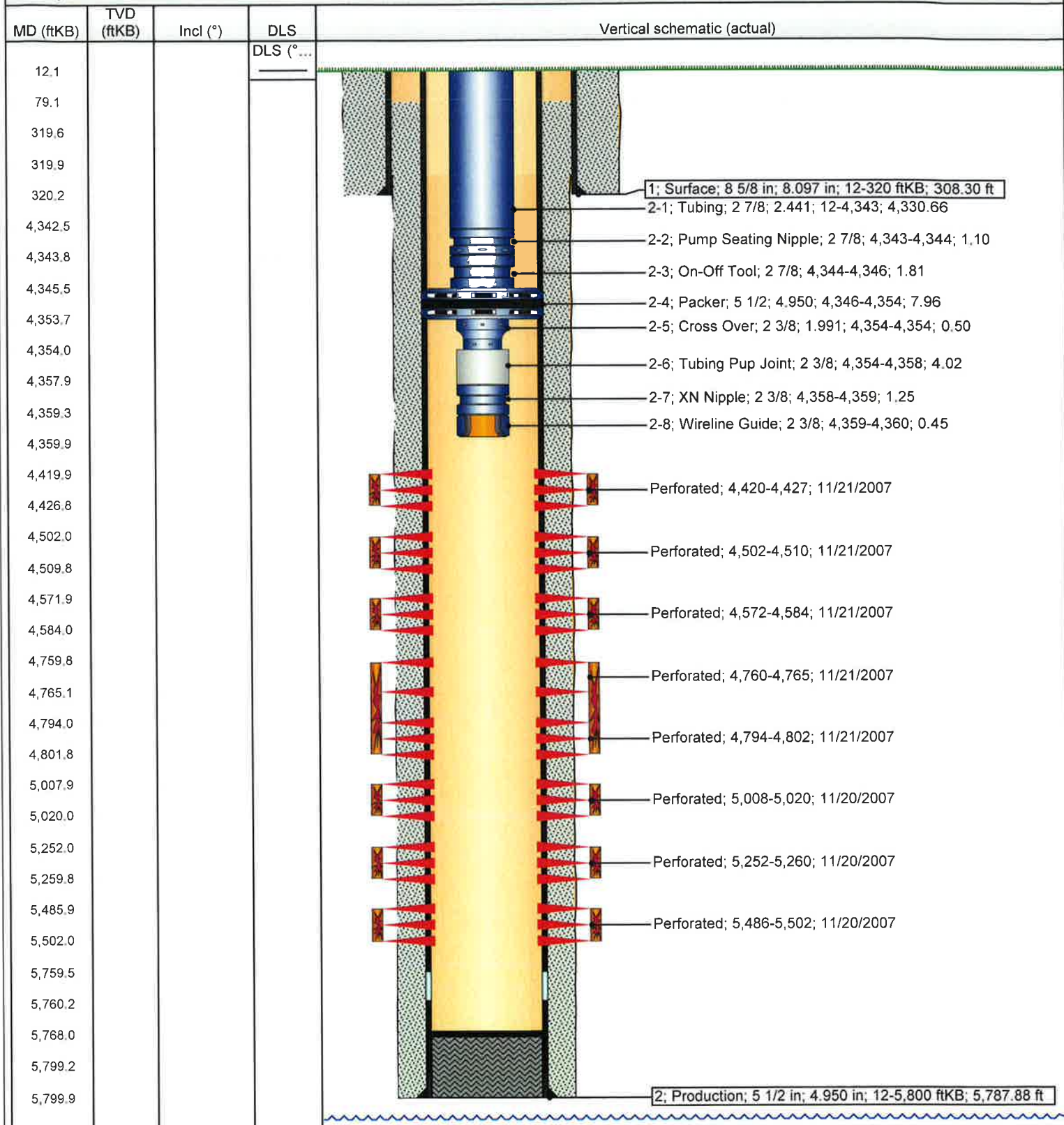
Surface Legal Location 19-9S-16E	API/UWI 43013331010000	Well RC 500159197	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 12/6/2007	Original KB Elevation (ft) 5,996	Ground Elevation (ft) 5,984	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,768.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/24/2014	Job End Date 8/20/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 5,800.0

Vertical - Original Hole, 8/25/2014 1:09:43 PM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 8-19-9-16**

Surface Legal Location 19-9S-16E		API/UWI 43013331010000		Lease	
County DUCHESNE	State/Province Utah	Basin Uintah Basin		Field Name GMBU CTB3	
Well Start Date 10/25/2007	Spud Date	Final Rig Release Date		On Production Date 12/6/2007	
Original KB Elevation (ft) 5,996	Ground Elevation (ft) 5,984	Total Depth (ftKB) 5,800.0		PBTD (All) (ftKB) Original Hole - 5,768.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/25/2007	8 5/8	8.097	24.00	J-55	320
Production	11/2/2007	5 1/2	4.950	15.50	J-55	5,800

Cement**String: Surface, 320ftKB 10/27/2007**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 320.3	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class G w/ 2% CaCL + 1/4# / sk Cello-Flake.	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,800ftKB 11/2/2007

Cementing Company	Top Depth (ftKB) 79.0	Bottom Depth (ftKB) 5,800.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Prem Lite2. W/ 10%gel. 3%KCL 1/2#sk Cello flake..3#sk CSE.	Fluid Type Lead	Amount (sacks) 300	Class Premlite II	Estimated Top (ftKB) 79.0
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed	Fluid Type Tail	Amount (sacks) 400	Class 50:50	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					7/19/2014		4,359.8	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	138	2 7/8	2.441	6.50	J-55	4,330.66	12.0	4,342.7
Pump Seating Nipple	1	2 7/8			N-80	1.10	4,342.7	4,343.8
On-Off Tool	1	2 7/8			N-80	1.81	4,343.8	4,345.6
Packer	1	5 1/2	4.950		N-80	7.96	4,345.6	4,353.5
Cross Over		2 3/8	1.991		N-80	0.50	4,353.5	4,354.0
Tubing Pup Joint	1	2 3/8			N-80	4.02	4,354.0	4,358.1
XN Nipple	1	2 3/8			N-80	1.25	4,358.1	4,359.3
Wireline Guide	1	2 3/8			N-80	0.45	4,359.3	4,359.8

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
7	D1, Original Hole	4,420	4,427	4	120		11/21/2007
6	D3, Original Hole	4,502	4,510	4	121		11/21/2007
5	C, Original Hole	4,572	4,584	4	122		11/21/2007
4	A1, Original Hole	4,760	4,765	4	123		11/21/2007
4	A3, Original Hole	4,794	4,802	4	124		11/21/2007
3	LODC, Original Hole	5,008	5,020	4	125		11/20/2007
2	LODC, Original Hole	5,252	5,260	4	126		11/20/2007
1	CP3, Original Hole	5,486	5,502	4	127		11/20/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,280	0.85	24.8	2,485			
2	2,588	0.93	24.8	2,919			
3	2,245	0.88	24.8	2,445			
4	2,715	1.0	24.8	2,660			
5	1,945	0.86	24.8	2,385			
6	2,230	0.93	23.6	2,770			
7	2,142	0.92	25.9	2,461			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 54412 lb
2		Proppant White Sand 29857 lb

NEWFIELD**Newfield Wellbore Diagram Data
Federal 8-19-9-16**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant White Sand 40138 lb
4		Proppant White Sand 29507 lb
5		Proppant White Sand 14617 lb
6		Proppant White Sand 34878 lb
7		Proppant White Sand 55428 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 8-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FNL 0785 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331010000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/17/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
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	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; margin-top: 20px;"> The above reference well was put on injection at 1:20 PM on 09/17/2014. </div> <div style="text-align: right; margin-top: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 18, 2014 </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/17/2014	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

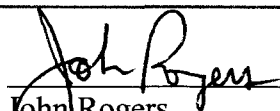
Cause No. UIC-420

Operator: Newfield Production Company
Well: Federal 8-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33101
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 8, 2014.
2. Maximum Allowable Injection Pressure: 1,915 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,733' – 5,768')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

Date

9/15/2014

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 8, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 8-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33101

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,733 feet in the Federal 8-19-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 8-19-9-16

Location: 19/9S/16E **API:** 43-013-33101

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 320 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,809 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,056 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,370 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (9/5/2014), based on surface locations, there are 3 producing wells, 5 injection wells, and 1 P/A well in the AOR. Additionally, there is 1 directional well currently being drilled, with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 3 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR and 1 approved surface location outside the AOR, from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,733 feet and 5,768 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 8-19-9-16 well is 0.86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,915 psig. The requested maximum pressure is 1,915 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 8-19-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 5/5/2014 (revised 9/5/2014)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX I.D. # 87-0217663
801-204-6910

The Salt Lake Tribune

MEDIAOne
A NEWSPAPER AGENCY COMPANY
WWW.MEDIACONNECTION.COM

Deseret News
NEWSPAPER AGENCY COMPANY
WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352 RECEIVED APR 24 2014	4/17/2014

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000952488 /
SCHEDULE	
Start 04/17/2014	End 04/17/2014
CUST. REF. NO.	
CAUSE NO. UIC-420	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
73 Lines	2.00 COLUMNS
TIMES	RATE
3	
MISC. CHARGES	AD CHARGE
TOTAL COST	
250.28	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-420

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 16, 19, 21, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Federal 10-13-9-16 well located in NW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32653
Federal 12-13-9-16 well located in NW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32651
State 16-16-9-16 well located in SE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33854
Federal 8-19-9-16 well located in SE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33101
Federal 16-21-9-16 well located in SE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33165
Federal 12-23-9-16 well located in NW/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33179

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.


Dated this 14th day of April, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

AFFIDAVIT OF PUBLICATION

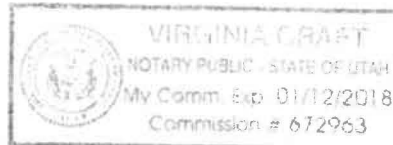
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES CAUSE NO. UIC-420 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, PUBLISHED IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE: 46-2-101; 46-3-104.

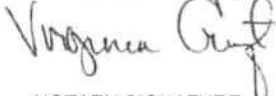
PUBLISHED ON Start 04/17/2014 End 04/17/2014

SIGNATURE 

DATE 4/17/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT




NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

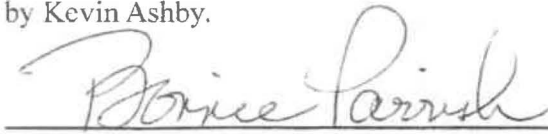
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 22 day of April, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 27 day of April, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

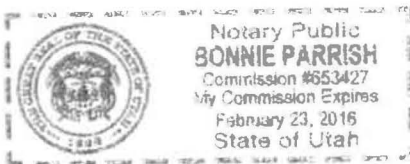

Publisher

Subscribed and sworn to before me on this

23 day of April, 20 14

by Kevin Ashby.


Notary Public



BEFORE THE DIVISION OF OIL, GAS AND MINING DEPART- MENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-420

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS
13, 16, 19, 21, and
23, TOWNSHIP 9
SOUTH, RANGE 16
EAST, DUCHESNE
COUNTY, UTAH,
AS CLASS II INJEC-
TION WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

Notice is hereby
given that the Divi-
sion of Oil, Gas and
Mining (the "Divi-
sion") is commencing
an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,
Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative
approval of the fol-
lowing wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

Federal 10-13-9-16
well located in NW/4
SE/4, Section 13,
Township 9 South,
Range 16 East

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SW/4, Section 13,
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well located in SE/4
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Township 9 South,
Range 16 East

API 43-013-33165
Federal 12-23-9-16
well located in NW/4
SW/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33179
The proceeding
will be conducted in
accordance with Utah
Admin. R649-10,
Administrative Proce-
dures.

Selected zones
in the Green River
Formation will be

Erish

Notary Public

Public
ARRISH
n #653427
ion Expires
23, 2016
f Utah

NE/4, Section 19,
Township 9 South,
Range 16 East
API 43-013-33101
Federal 16-21-9-16
well located in SE/4
SE/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33165
Federal 12-23-9-16
well located in NW/4
SW/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33179
The proceeding
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Admin. R649-10,
Administrative Proce-
dures.

Selected zones
in the Green River
Formation will be
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tion. The maximum
requested injection
pressures and rates
will be determined
based on fracture
gradient informa-
tion submitted by
Newfield Production
Company.

Any person
desiring to object to
the application or
otherwise intervene
in the proceeding,
must file a written
protest or notice of
intervention with
the Division within
fifteen days following
publication of this
notice. The Division's
Presiding Officer
for the proceeding is
Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake
City, UT 84114-5801,
phone number (801)
538-5340. If such
a protest or notice
of intervention is
received, a hearing
will be scheduled
in accordance with
the aforementioned
administrative
procedural rules.
Protestants and/or
interveners should be
prepared to demon-
strate at the hearing
how this matter af-
fects their interests.

Dated this 14th day
of April, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

/s/

Brad Hill

Published in the
Utah Basin Stan-
dard April 22, 2014.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-420

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 16, 19, 21, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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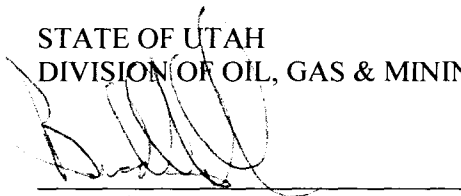
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Dated this 14th day of April, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 10-13-9-16, FEDERAL 12-13-9-16, STATE 16-16-9-16,
FEDERAL 8-19-9-16, FEDERAL 16-21-9-16, FEDERAL 12-23-9-16**

Cause No. UIC-420

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail [legals @ubstandard.com](mailto:legals@ubstandard.com)

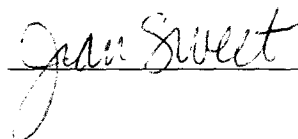
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 15, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-420

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-420

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>

Thu, Apr 17, 2014 at 2:08 PM

To: Jean Sweet <jsweet@utah.gov>

On 4/15/2014 9:08 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

Received. Thank you. It will publish April 22.

Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 15, 2014

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-420

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Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000952488-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	Payor Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154

Fax 801-359-3940
EMail juliecarter@utah.gov

Ordered By Acct. Exec
Jean kstowe

Total Amount \$250.28

Payment Amt \$0.00

Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
		0	0	1

Payment Method **PO Number** CAUSE NO. UIC-420

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 73 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	4/17/2014	

Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	4/17/2014	

Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	4/17/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-420

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13, 16, 19, 21, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 14th day of April, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

952488

UPAXLP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

April 7, 2014

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RECEIVED

APR 08 2014

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #8-19-9-16
Monument Butte Field, Lease #UTU-64379
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #8-19-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L. Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #8-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
APRIL 7, 2014

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #8-19-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ SENE section 19 township 9S range 16E county Duchesne

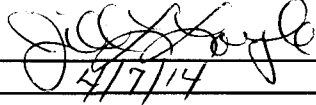
Is this application for expansion of an existing project? Yes ☒ No ☐
Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒
Is this application for a new well to be drilled? Yes ☐ No ☒
If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒
Date of test: _____
API number: 43-013-33101

Proposed injection interval: from 3733 to 5768
Proposed maximum injection: rate 500 bpd pressure 1915 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Jill L. Loyle Signature 
Title Regulatory Associate Date 4/7/14
Phone No. (303) 383-4135

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Spud Date: 10-25-07
Put on Production: 12-6-07
GL: 5984' KB: 5996'

Federal 8-19-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.39')
DEPTH LANDED: 320.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150jts. (5808.14')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5808.64'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5464.5')
TUBING ANCHOR: 5464.5'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5498.7' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5563.0'

FRAC JOB

11-20-07	5486-5502'	Frac CP3 sands as follows: Frac with 54412# 20/40 sand in 517bbls Lightning 17 fluid. Treat at 2115 psi @ 24.8 BPM. ISIP 2280 psi.
11-20-07	5252-5260'	Frac LODC sands as follows: Frac with 29857# 20/40 sand in 395 bbls Lightning 17 fluid. Treat at 2503psi @ 24.8 BPM. ISIP 2588psi.
11-21-07	5008-5020'	Frac LODC sands as follows: Frac with 40138# 20/40 sand in 375 bbls Lightning 17 fluid. Treat at 2470psi @ 24.8 BPM. ISIP 2715 psi.
11-21-07	4572-4584'	Frac C sand as follows: Frac with 14617# 20/40 sand in 263 bbls Lightning 17 fluid. Treat at 2150 psi @ 24.8 BPM. ISIP 1945 psi.
11-21-07	4502-4510'	Frac D3 sands as follows: Frac with 34878# 20/40 sand in 496 bbls Lightning 17 fluid. Treat at 2443 psi @ 23.5 BPM. ISIP 2230 psi.
11-28-07	4420-4427'	Frac D1 sands as follows: Frac with 55428# 20/40 sand in 553 bbls Lightning 17 fluid. Treat at 2201 psi @ 23.9 BPM. ISIP 2142 psi.
2/12/2010		Pump change. Updated rod and tubing.

Cement Top@ 79'

Packer @ 4370'
4420-4427'

4502-4510'

4572-4584'

4760-4765'

4794-4802'

5008-5020'

5252-5260'

5486-5502'

PBTD @ 5768'

SHOE @ 5809'

TD @ 5800'

PERFORATION RECORD

4420-4427'	4 JSPF	28 holes
4502-4510'	4 JSPF	32 holes
4572-4584'	4 JSPF	48 holes
4760-4765'	4 JSPF	20 holes
4794-4802'	4 JSPF	32 holes
5008-5020'	4 JSPF	48 holes
5252-5260'	4 JSPF	32 holes
5486-5502'	4 JSPF	64 holes

NEWFIELD

Federal 8-19-9-16
2136' FNL & 785' FEL
SENE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33101; Lease #UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #8-19-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #8-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3733' - 5768'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3406' and the TD is at 5800'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #8-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 320' KB, and 5-1/2", 15.5# casing run from surface to 5809' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1915 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #8-19-9-16, for existing perforations (4420' - 5502') calculates at 0.86 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1915 psig. We may add additional perforations between 3406' and 5800'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #8-19-9-16, the proposed injection zone (3733' - 5768') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

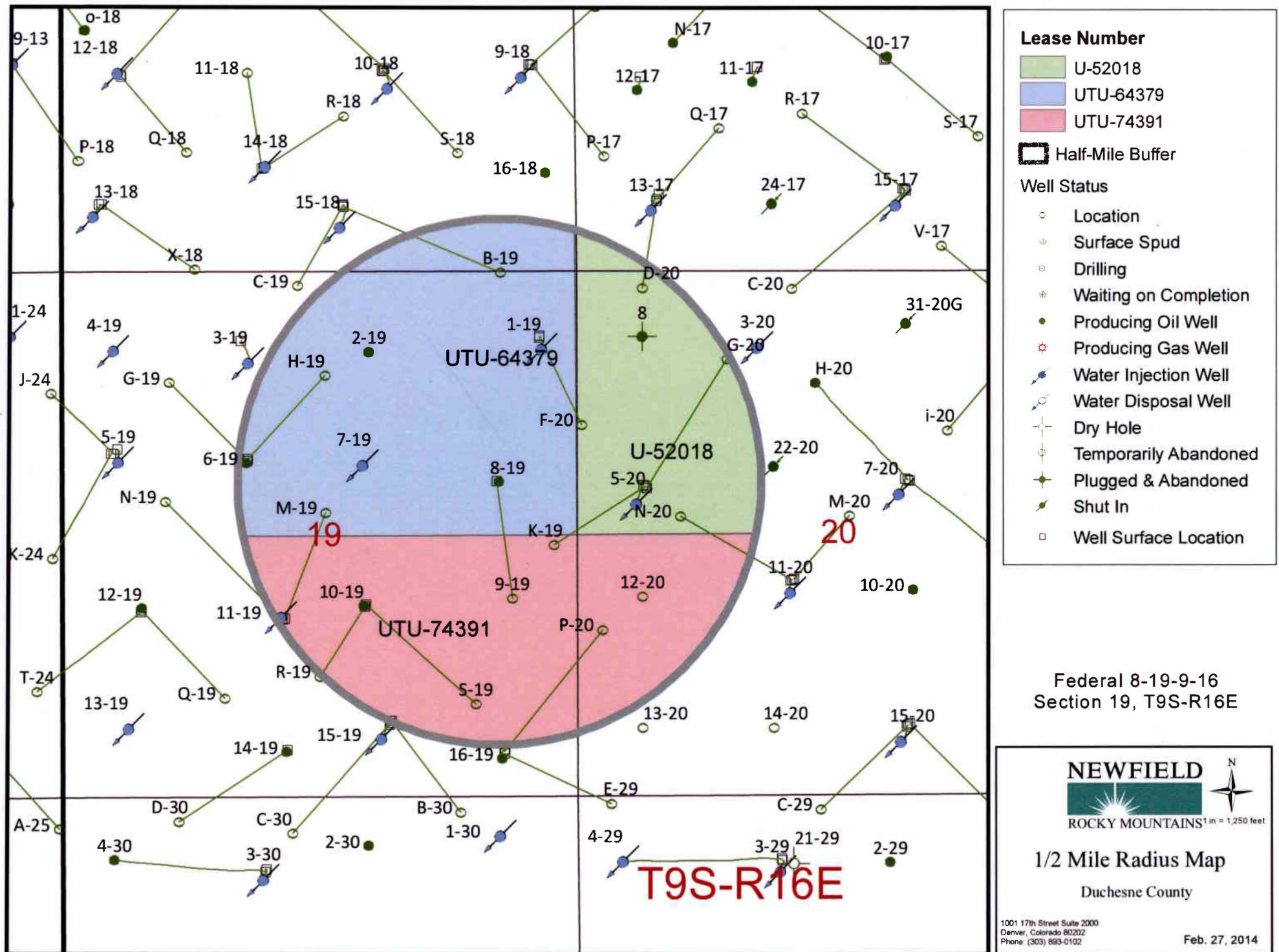
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

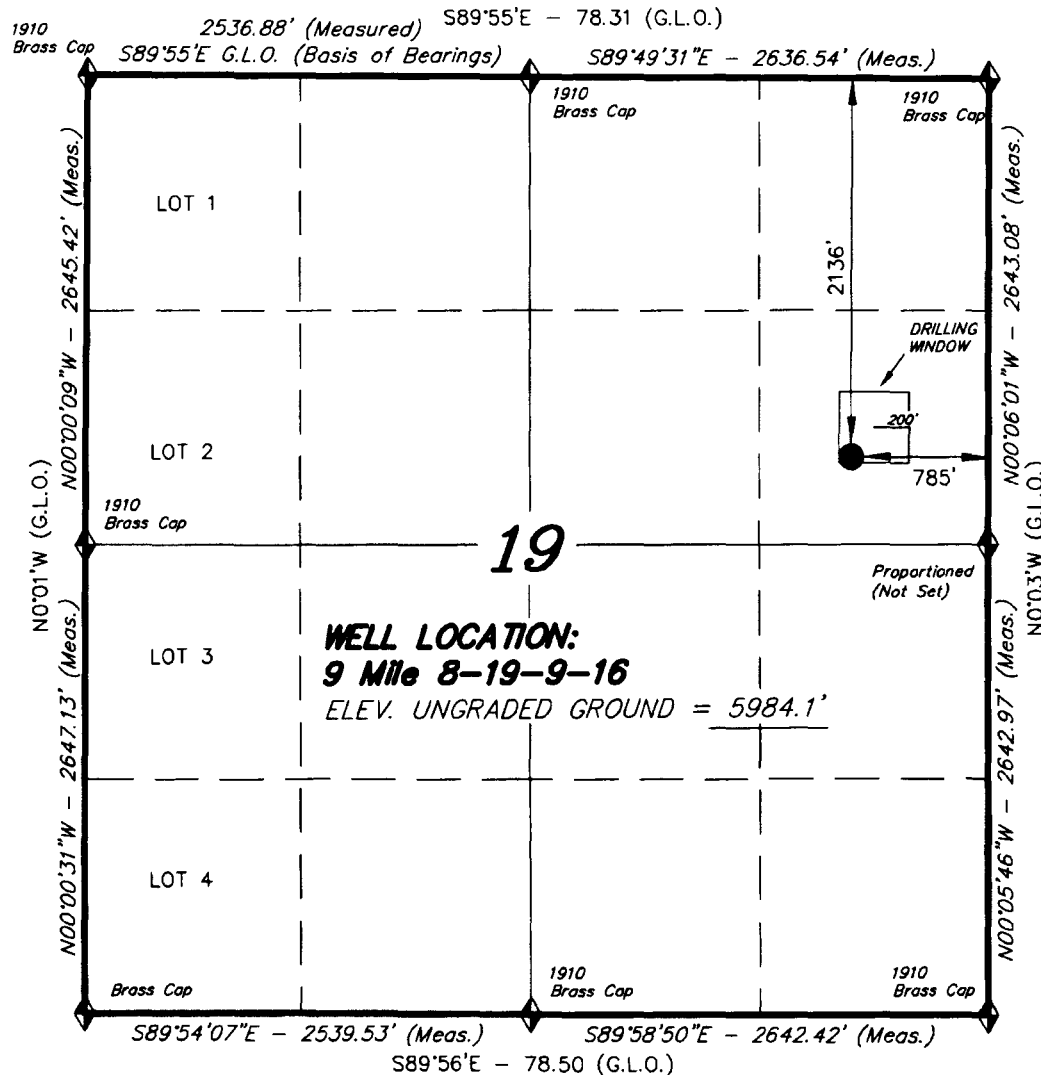
2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

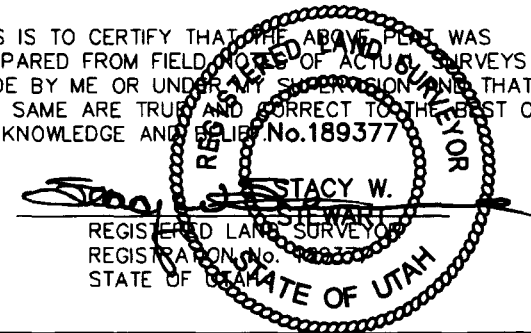


T9S, R16E, S.L.B.&M.**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 9 Mile 8-19-9-16,
 LOCATED AS SHOWN IN THE SE 1/4 NE
 1/4 OF SECTION 19, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 Mile 8-19-9-16
(Surface Location) NAD 83
 LATITUDE = 40° 01' 04.02"
 LONGITUDE = 110° 09' 19.63"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED:
 2-21-06

SURVEYED BY: C.M.

DATE DRAWN:
 03-02-06

DRAWN BY: F.T.M.

REVISED:

SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

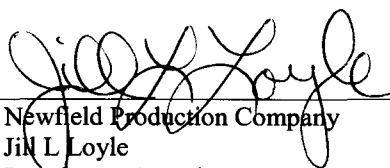
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
 Federal #8-19-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 7th day of April, 2014.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Spud Date: 10-25-07
Put on Production: 12-6-07
GL: 5984' KB: 5996'

Federal 8-19-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.39')
DEPTH LANDED: 320.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150jts. (5808.14')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5808.64'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'

TUBING

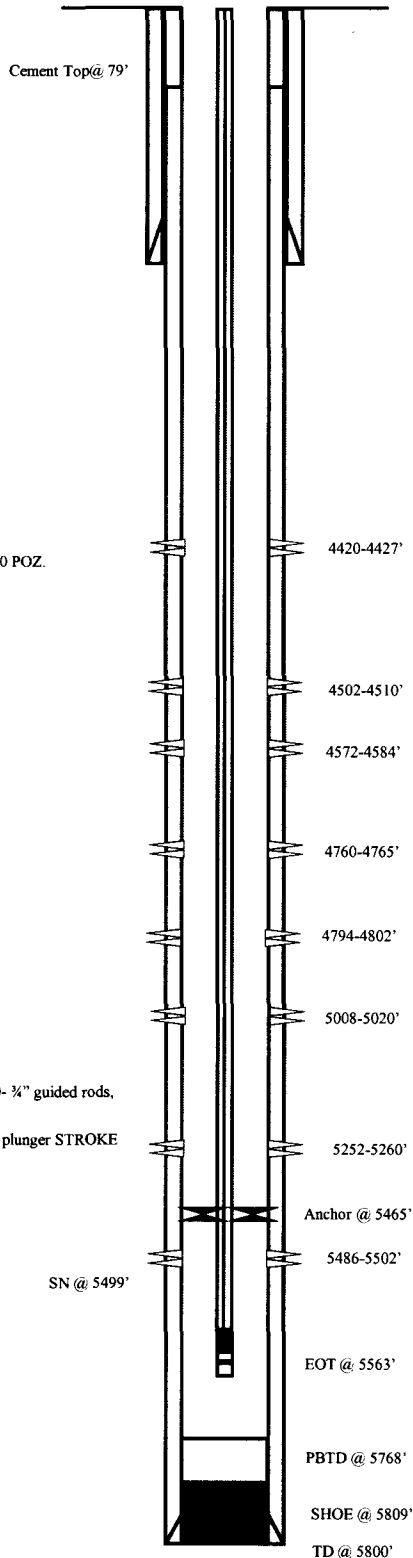
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5464.5')
TUBING ANCHOR: 5464.5'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5498.7' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5563.0'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 99- 3/4" guided rods, 95- 3/4" guided rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC pump w/ SM plunger STROKE LENGTH: 74"
PUMP SPEED, SPM: 5.5'

FRAC JOB

11-20-07	5486-5502'	Frac CP3 sands as follows: Frac with 54412# 20/40 sand in 517bbls Lightning 17 fluid. Treat at 2115 psi @ 24.8 BPM. ISIP 2280 psi.
11-20-07	5252-5260'	Frac LODC sands as follows: Frac with 29857# 20/40 sand in 395 bbls Lightning 17 fluid. Treat at 2503psi @ 24.8 BPM. ISIP 2588psi.
11-21-07	5008-5020'	Frac LODC sands as follows: Frac with 40138# 20/40 sand in 375 bbls Lightning 17 fluid. Treat at 2470psi @ 24.8 BPM. ISIP 2715 psi.
11-21-07	4572-4584'	Frac C sand as follows: Frac with 14617# 20/40 sand in 263 bbls Lightning 17 fluid. Treat at 2150 psi @ 24.8 BPM. ISIP 1945 psi.
11-21-07	4502-4510'	Frac D3 sands as follows: Frac with 34878# 20/40 sand in 496 bbls Lightning 17 fluid. Treat at 2443 psi @ 23.5 BPM. ISIP 2230 psi.
11-28-07	4420-4427'	Frac D1 sands as follows: Frac with 55428# 20/40 sand in 553 bbls Lightning 17 fluid. Treat at 2201 psi @ 23.9 BPM. ISIP 2142 psi.
2/12/2010		Pump change. Updated rod and tubing.



PERFORATION RECORD

4420-4427'	4 JSPF	28 holes
4502-4510'	4 JSPF	32 holes
4572-4584'	4 JSPF	48 holes
4760-4765'	4 JSPF	20 holes
4794-4802'	4 JSPF	32 holes
5008-5020'	4 JSPF	48 holes
5252-5260'	4 JSPF	32 holes
5486-5502'	4 JSPF	64 holes

NEWFIELD

Federal 8-19-9-16
2136' FNL & 785' FEL
SENE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33101; Lease #UTU-64379

Federal 1-19-9-16

Spud Date: 7-25-07

Put on Production: 09-11-07

GL: 6123' KB: 6135'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (295.87')

DEPTH LANDED: 306.47' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts (5969.80')

DEPTH LANDED: 5983.05' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 126 jts (3967.2')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3979.2' KB

ON/OFF TOOL AT: 3980.3'

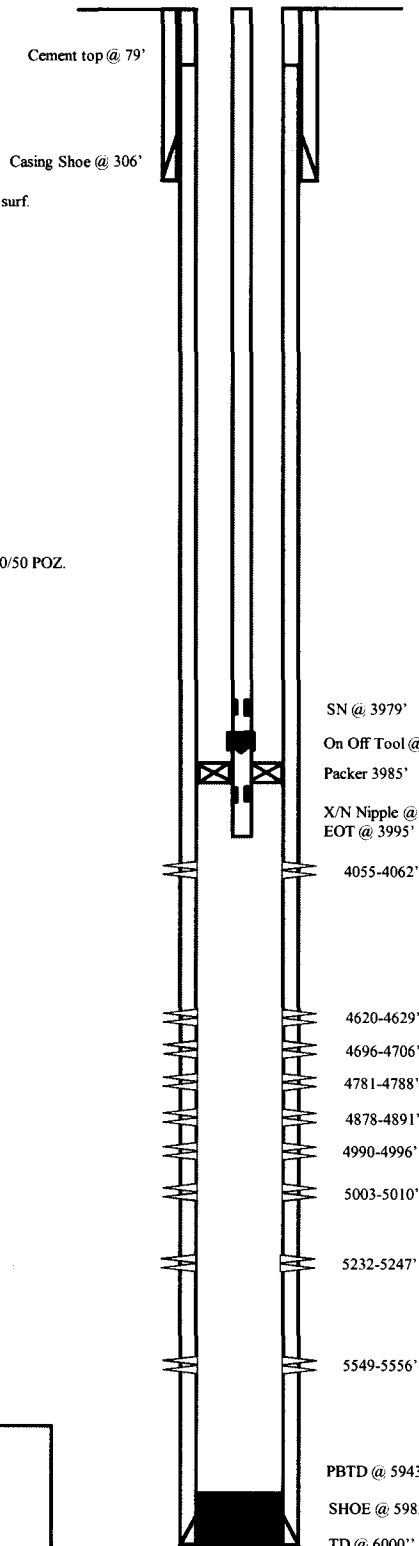
ARROW #1 PACKER CE AT: 3985'

XO 2-3/8 x 2-7/8 J-55 AT: 3989.1'

TBG PUP 2-3/8 J-55 AT: 3989.6'

X/N NIPPLE AT: 3993.7'

TOTAL STRING LENGTH: EOT @ 3995'

FRAC JOB

09-05-07 5549-5556'

Frac CP1 sands as follows:

15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.

09-05-07 5232-5247'

Frac LODC sands as follows:

50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.

09-05-07 4990-5010'

Frac A1 sands as follows:

20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.

09-05-07 4878-4891'

Frac B2 sand as follows:

49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.

09-06-07 4781-4788'

Frac C sand as follows:

19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.

09-06-07 4696-4706'

Frac D2 sand as follows:

40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.

09-06-07 4620-4629'

Frac D1 sand as follows:

30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.

SN @ 3979'

On Off Tool @ 3980'

Packer 3985'

X/N Nipple @ 3994'

EOT @ 3995'

4055-4062' 09/25/12

4620-4629' 09/27/12

Frac GB2 sand as follows:

22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.

Convert to Injection Well**Conversion MIT Finalized** -update tbg detailPERFORATION RECORD

08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes

NEWFIELD**Federal 1-19-9-16**

688' FNL & 355' FEL

NE/NE Section 19-T9S-R16E

Duchesne Co, Utah

API # 43-013-33062; Lease # UTU-64379

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

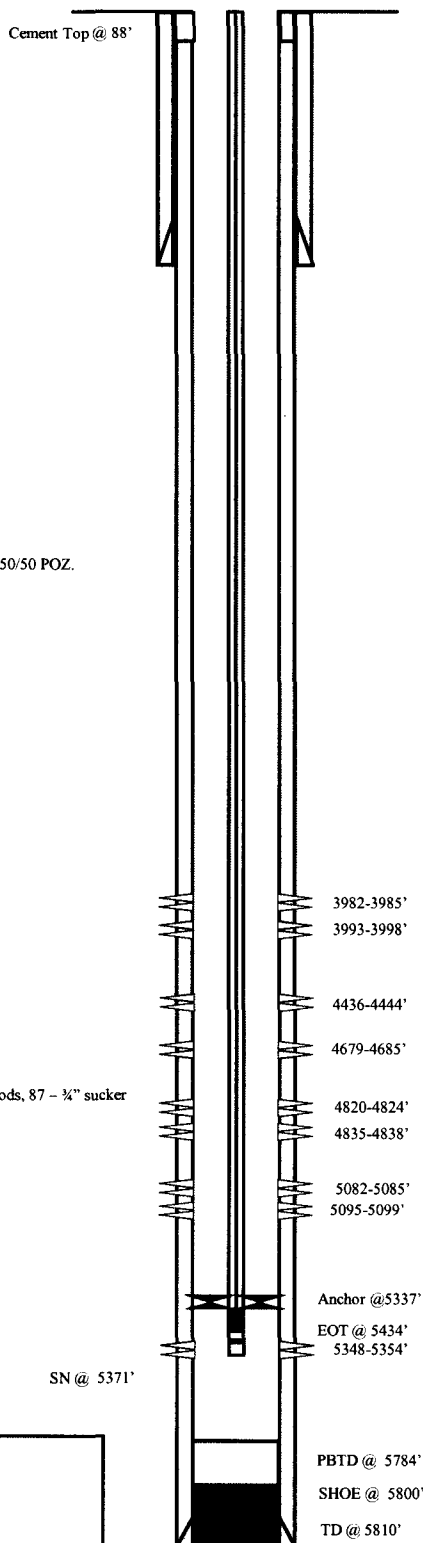
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5325')
 TUBING ANCHOR: 5337'
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO. OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/4" pony rods, 101 - 3/4" guided rods, 87 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 20" RHAC
 STROKE LENGTH: 100
 PUMP SPEED: SPM 5

FRAC JOB

7-1-09	5348-5354'	Frac CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid.
7-1-09	4820-4838'	Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid.
7-1-09	4679-4685'	Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid.
7-1-09	4436-4444'	Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid.
7-1-09	3982-3998'	Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid.

PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes

NEWFIELD

Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

NEWFIELD

Schematic

Well Name: Federal 6-19-9-16

43-013-33100

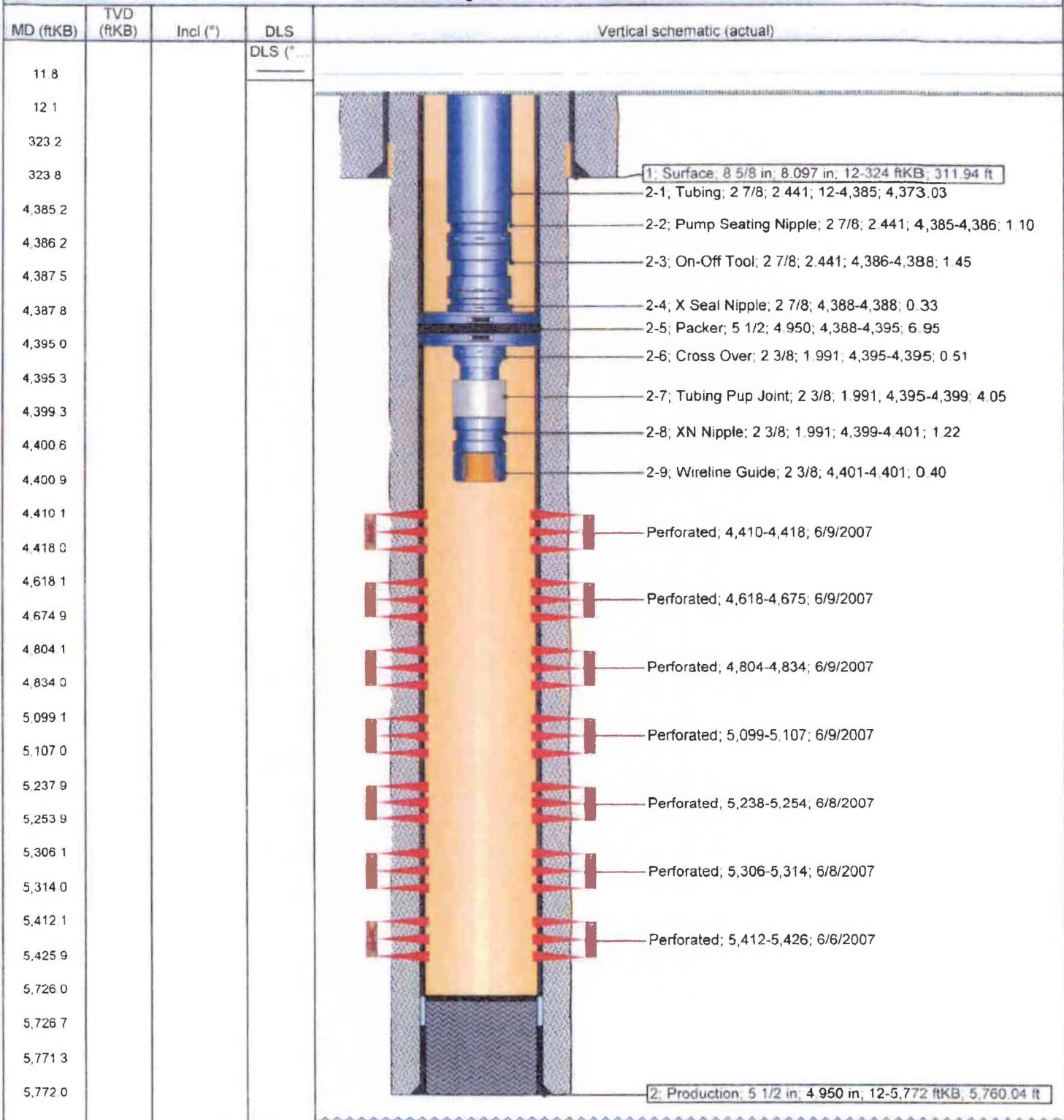
Surface Legal Location 19-9S-16E	API/UWI 43013331000000	Well RC 500158544	Lease	State/Province Utah	Field Name GMBU CT B3	County DUCHESNE
Spud Date 5/13/2007	Rig Release Date 5/22/2007	On Production Date 6/12/2007	Original KB Elevation (ft) 6,000	Ground Elevation (ft) 5,988	Total Depth All (IVD) (ftKB) Original Hole - 5,726.2	PB/D (All) (ftKB)

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/14/2014	Job End Date 3/20/2014
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TD: 5,772.0

Vertical - Original Hole, 9/2/2014 8:49:46 AM



FEDERAL 7-19-9-16

Spud Date: 09/25/07

Put on Production: 12/06/07

GL: 6137' KB: 6149'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.36')

DEPTH LANDED: 316.01' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5929.84')

DEPTH LANDED: 5943.09' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP: 175'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 128 jts (4021')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4033' KB

ON/OFF TOOL AT: 4034.1'

ARROW #1 PACKER CE AT: 4039.4'

XO 2-3/8 x 2-7/8 J-55 AT: 4043.5'

TBG PUP 2-3/8 J-55 AT: 4044'

X/N NIPPLE AT: 4048.2'

TOTAL STRING LENGTH: EOT @ 4049.7'

FRAC JOB

11/19/07 5410-5434'

Frac LODC sands as follows:

109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.

11/28/07 5259-5266'

Frac LODC sands as follows:

39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal.

11/28/07 4916-4923'

Frac A.5 sands as follows:

190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal.

11/28/07 4843-4848'

Frac B1 sands as follows:

14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal.

11/28/07 4564-4579'

Frac D1 sands as follows:

79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal.

11/28/07 4081-4128'

Frac GB6 & GB4 sands as follows:

39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal.

5/5/09

Pump Change. Updated r & t details.

01/20/14

Convert to Injection Well

01/21/14

Conversion MIT Finalized – update tbg detailSN @ 4033'
On Off Tool @ 4034'

Packer @ 4039'

X/N Nipple @ 4048'
EOT @ 4050'

4081-4087'

4119-4128'

4564-4579'

4843-4848

4916-4923'

5259-5266'

5410-5434'

PBTD @ 5837'
SHOE @ 5943'
TD @ 5950'PERFORATION RECORD

10/11/07	4081-4128'	4 JSPF	188 holes
10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes

NEWFIELD**FEDERAL 7-19-9-16**

1958'FNL & 2161' FEL

SW/NE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33158; Lease # UTU-64379

LCN 01/28/14

Spud Date: 9/27/2007
Put on Production: 1/9/2008
GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (311.69')
DEPTH LANDED: 321.69'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152jts (5894.79')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5883.99'
CEMENT DATA: 300sxs of Prmlite II & 400sxs of 50/50 poz
CEMENT TOP AT: 127' per CBL 12/5/07

TUBING (KS 11/29/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169jts (5501.0')
TUBING ANCHOR: 5513.0'
NO. OF JOINTS: 3jts (93.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5609.6'
NO. OF JOINTS: 1jt (32.7')
GAS ANCHOR: 5-1/2" (5.2')
NIPPLE: 2-7/8" (0.6')
NO. OF JOINTS: 3jts (97.6')
BULL PLUG: 2-7/8" (0.4')
TOTAL STRING LENGTH: EOT @ 5747'

SUCKER RODS (KS 11/29/12)

POLISHED ROD: 26' x 1-1/2"
SUCKER RODS: 4', 8' x 3/4" Pony Rods, 99 x 3/4" Guided Rods, 91 x 3/4" Sucker Rods, 27 x 3/4" Guided Rods, 6 x 1-1/2" Sinker Bars
PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24' RHAC
STROKE LENGTH: 103"
PUMP SPEED, SPM: 5.0
PUMPING UNIT: DARCO C-320-256-120

FRAC JOB

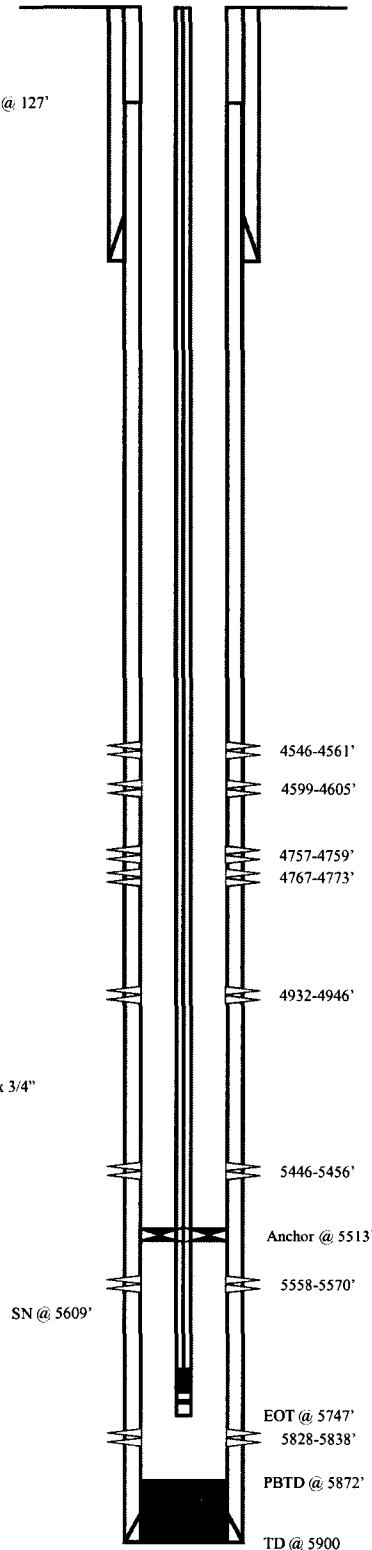
12/14/07 5828'-5838' **Frac BS sds w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.**

12/14/07 5558'-5570' **Frac CP3 sds w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.**

12/14/07 5446'-5456' **Frac CP1 sds w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.**

12/14/07 4546'-4561' **Frac D1 & D2 sds w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi Calc flush: ? Actual Flush: 4460 gals.**

10-1-08 Pump Change updated rod & tubing details.
10-01-10 Recompletion
9-28-10 4932-4561 Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.
9-28-10 4767-4773 Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
9/28/10	4932-4946'	4JSPF	42 holes
9/28/10	4767-4773'	4JSPF	18holes
9/28/10	4757-4759'	4JSPF	6 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes

NEWFIELD

Federal 10-19-9-16

1890' FSL & 2146' FEL

NW/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33159; Lease #UTU-74391

KS 1/30/13

Spud Date: 10-09-07

Put on Production: 1-8-08

GL: 6199' KB: 6211'

Federal 11-19-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (310.34')

DEPTH LANDED: 320.34'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt. circ. 8 bbl to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152jts. (5907.45')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5905.45'

CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 224' per CBL 12/14/07

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 125 jts (3939.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3951.8' KB

ON/OFF TOOL AT: 3952.9'

ARROW #1 PACKER CE AT: 3957.69'

XO 2-3/8 x 2-7/8 J-55 AT: 3961.4'

TBG PUP 2-3/8 J-55 AT: 3961.9'

X/N NIPPLE AT: 3966'

TOTAL STRING LENGTH: EOT @ 3967.6'

FRAC JOB

12-26-07 5558-5574'

Frac CP2 sands as follows:Frac with 59775# 20/40 sand in 533bbls
Lightning 17 fluid. Treat at 1825 psi @
23 BPM. ISIP 2111 psi.

12-26-07 5380-5400'

Frac LODC sands as follows:Frac with 59263# 20/40 sand in 528 bbls
Lightning 17 fluid. Treat at 2001psi @
23.1 BPM. ISIP 2364psi.

12-27-7 5064-5080'

Frac LODC sands as follows:Frac with 75331# 20/40 sand in 618
bbls Lightning 17 fluid. Treat at 2507 psi
@ 29.1 BPM. ISIP 2905 psi.

12-27-07 4938-4984'

Frac A3 & A1 sand as follows:Frac with 110221# 20/40 sand in 881
bbls Lightning 17 fluid. Treat at 1743 psi
@ 23 BPM. ISIP 2079 psi.

12-27-07 4784-4790'

Frac B.5 sands as follows:Frac with 20091# 20/40 sand in 301
bbls Lightning 17 fluid. Treat at 2034 psi
@ 23 BPM. ISIP 2027 psi.

12-27-07 4548-4558'

Frac D1 sands as follows:Frac with 50552# 20/40 sand in 442
bbls Lightning 17 fluid. Treat at 1639 psi
@ 23.1 BPM. ISIP 2088 psi.

12-27-07 4010-4030'

Frac GB4 sands as follows:Frac with 44039# 20/40 sand in 416
bbls Lightning 17 fluid. Treat at 1391 psi
@ 23 BPM. ISIP 1434 psi.

9-16-08

Parted rod. Updated rod & tubing
details.

SN @ 3951.8'

On Off Tool @ 3953'

6/15/09

Packer @ 3958'

09/04/13

X/N Nipple @ 3966'

EOT @ 3968'

09/05/13

4010-4030'

4548-4558'

4784-4790'

4938-4954'

4971-4984'

5064-5080'

5380-5400'

5558-5574'

PBTD @ 5859'

TD @ 5928'

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes

NEWFIELD**Federal 11-19-9-16**

1778' FSL & 2197' FWL

NESW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33160; Lease #UTU-74391

LCN 09/11/13

FEDERAL 16-19-9-16

Spud Date: 10/31/07
 Put on Production: 02/19/08
 GL: 6180' KB: 6192'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5805.80')
 DEPTH LANDED: 5819.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 114'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 164 jts (5253.1')
 TUBING ANCHOR: 5265.1' KB
 NO. OF JOINTS: 1jts (31.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5299.2' KB
 NO. OF JOINTS: 2 jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5364' KB

SUCKER RODS

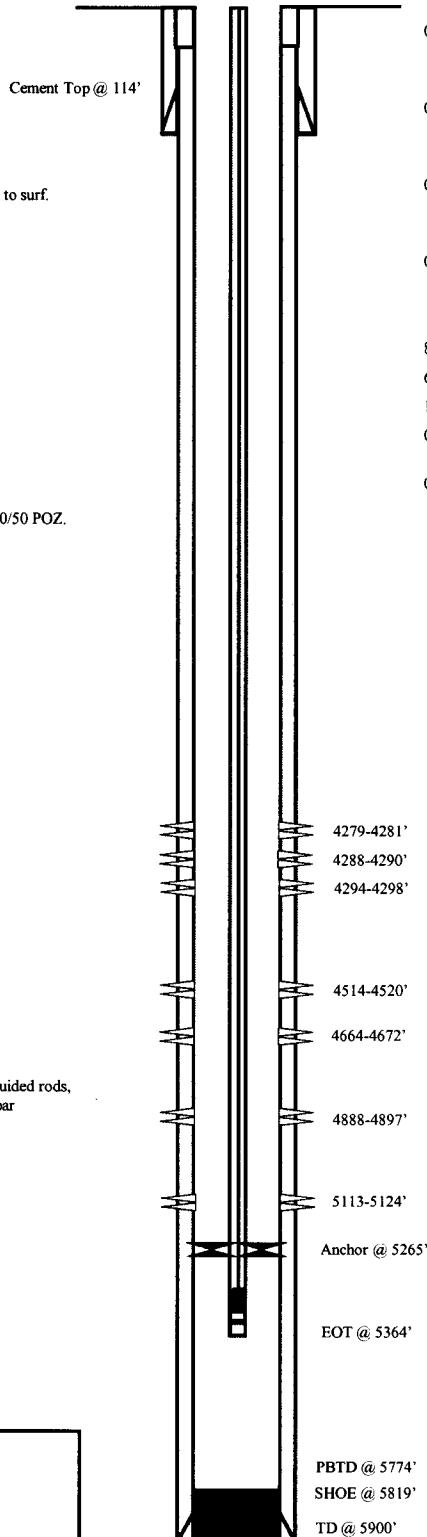
POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1-2', 1-4', 1-8' x 7/8" pony rods, 81- 7/8" guided rods,
 119- 3/4" guided rods, 6- 1 1/2" weight bars, 1-1" x 4' stabilizer bar
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC pump
 STROKE LENGTH: 122
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

02/08/08 5113-5124' **Frac LODC sands as follows:**
 50640# 20/40 sand in 476 bbls Lightning 17
 frac fluid. Treated @ avg press of 2517 psi
 w/avg rate of 22 BPM. ISIP 2765 psi.
 02/08/08 4888-4897' **Frac A1 sands as follows:**
 30199# 20/40 sand in 394 bbl Lightning 17
 frac fluid. Treated @ avg press of 2251 psi
 w/avg rate of 19.2 BPM. ISIP 2240 psi.
 02/08/08 4664-4672' **Frac C sands as follows:**
 34297# 20/40 sand in 404 bbls Lightning 17
 frac fluid. Treated @ avg press of 2310 psi
 w/avg rate of 27.6 BPM. ISIP 1950 psi.
 02/09/08 4514-4520' **Frac D1 sands as follows:**
 28511# 20/40 sand in 381 bbls Lightning 17
 frac fluid. Treated @ avg press of 2109 psi
 w/avg rate of 27.2 BPM. ISIP 1930 psi.
 8/12/08 **Pump Change.** Updated rod & tubing details.
 6/1/09 **Tubing Leak.** Updated r & t details.
 1/31/11 **Tubing Leak.** Update rod and tubing details.
 03/02/11 4279-4298' **Frac PB11 sands as follows:** 61895# 20/40
 sand in 365 bbls Lightning 17 fluid.
 03/04/11 **Recompletion Finalized** - update rod & tbg
 detail.

PERFORATION RECORD

5113-5124' 4 JSPF 24 holes
 4888-4897' 4 JSPF 36 holes
 4664-4672' 4 JSPF 32 holes
 4514-4520' 4 JSPF 24 holes
 03/02/11 4279-4281' 3 JSPF 6 holes
 03/02/11 4288-4290' 3 JSPF 6 holes
 03/02/11 4294-4298' 3 JSPF 12 holes

**NEWFIELD****FEDERAL 16-19-9-16**

467' FSL & 733' FEL

SE/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33163; Lease # UTU-74391

FEDERAL 5-20-9-16

Spud Date: 06/12/07

Put on Production: 08/09/07

GL: 6032' KB: 6044'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.03')

DEPTH LANDED: 323.88' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5926.74')

DEPTH LANDED: 5939.99' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 349 sxs Prem. Lite II mixed & 426 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 124 jts (4527.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4539.1' KB

ON/OFF TOOL AT: 4540.2'

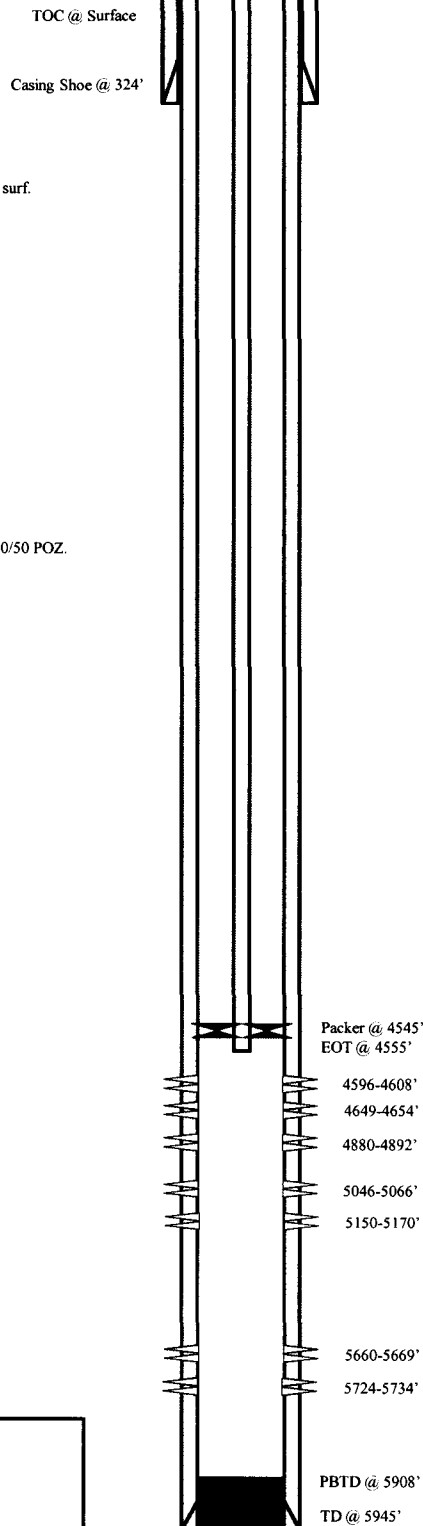
PACKER CE @ 4545.29'

XO AT: 4549.0'

TBG PUP AT: 4549.5'

XN AT: 4553.7'

TOTAL STRING LENGTH: EOT @ 4555' W/12' KB

FRAC JOB

07/31/07 5660-5734'

Frac CP4 & CP3 sands as follows:

49687# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2062 psi w/avg rate of 24.8 BPM. ISIP 2275 psi. Calc flush: 5658 gal. Actual flush: 5371 gal.

08/06/07 5150-5170'

Frac LODC sands as follows:

59976# 20/40 sand in 541 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.8 BPM. ISIP 2110 psi. Calc flush: 5148 gal. Actual flush: 4641 gal.

08/06/07 5046-5066'

Frac A3 sands as follows:

70150# 20/40 sand in 582 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5044 gal. Actual flush: 4536 gal.

08/06/07 4880-4892'

Frac B2 sands as follows:

29054# 20/40 sand in 470 bbls Lightning 17 frac fluid. Treated @ avg press of 2463 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 4878 gal. Actual flush: 4536 gal.

08/06/07 4596-4654'

Frac D1 & D2 sands as follows:

27540# 20/40 sand in 372 bbls Lightning 17 frac fluid. Treated @ avg press of 1664 psi w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4594 gal. Actual flush: 4507 gal.

06-16-08

Workover. Rod & Tubing detail updated.

3/11/09

Stuck Pump. Updated r & t details.

11/21/09

Tubing Leak. Tubing & Rod updated.

6/8/2010

Tubing Leak. Update rod and tubing details

2/14/2011

Tubing Leak. Update rod and tubing details

07/15/11

Tubing Leak. Rods & tubing updated.

08/13/12

Convert to Injection Well

08/14/12

Conversion MIT Finalized – update tbg detailPERFORATION RECORD

07/31/07	5724-5734'	4 JSPF	40 holes
08/06/07	5660-5669'	4 JSPF	36 holes
08/06/07	5150-5170'	4 JSPF	80 holes
08/06/07	5046-5066'	4 JSPF	80 holes
08/06/07	4880-4892'	4 JSPF	48 holes
08/06/07	4649-4654'	4 JSPF	20 holes
08/06/07	4596-4608'	4 JSPF	48 holes

NEWFIELD**FEDERAL 5-20-9-16**

2178' FNL & 673' FWL

SW/NW Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33104; Lease # UTU-52018

LCN 08/16/12

Castle Peak Unit #8

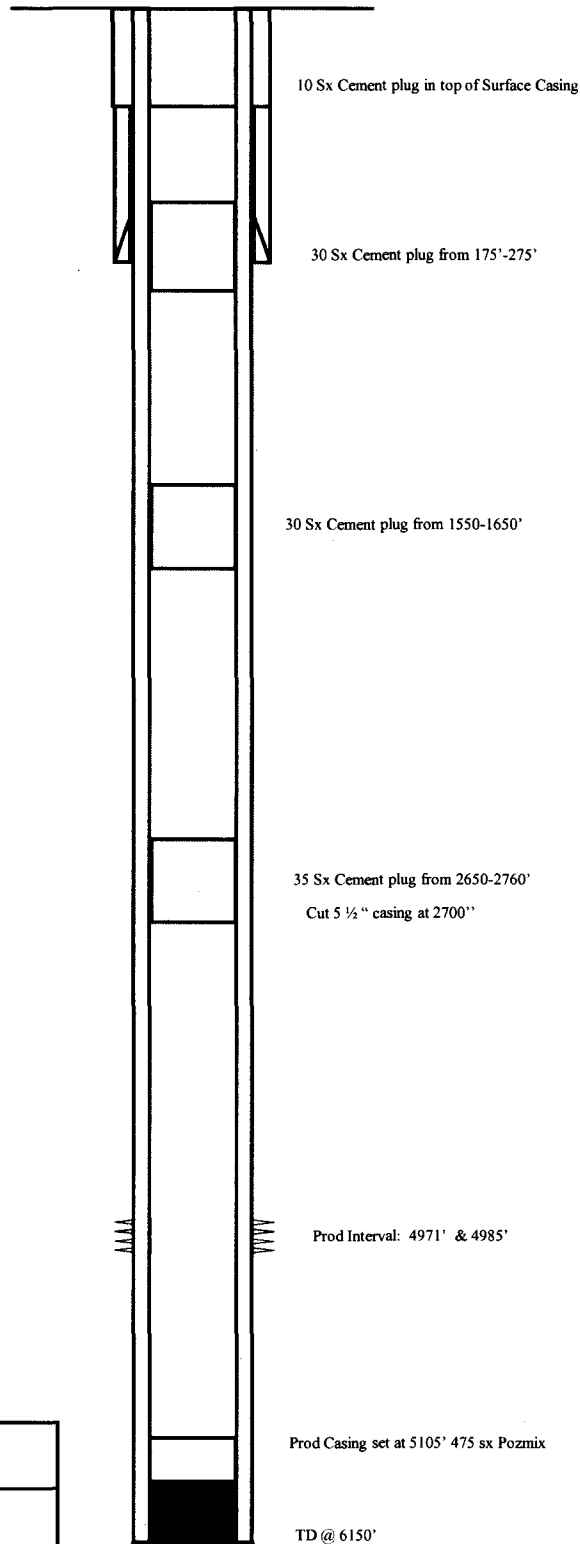
Spud Date: 9/1/1965
 P&A'd: 8/28/1967
 GL: 6080' KB: 6091'

Put on Production: 2-25-1965

Cum Prod: 4501 BO

Per State of Utah-DOGM records, this well was drilled by Shamrock Oil & Gas Corp. Current status on file is P&A'd.

P & A
 Wellbore Diagram

**NEWFIELD****Castle Peak Unit #8**

660' FNL & 660' FWL

NWNW Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-15786; Lease #U-026011

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 8-19-9-16**Sample Point: **Treater-G1**Sample Date: **1/20/2014**Sample ID: **WA-266225**Sales Rep: **Pete Prodromides**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	1/22/2014	Sodium (Na):	3138.89	Chloride (Cl):	5000.00
System Temperature 1 (°F):	120	Potassium (K):	373.00	Sulfate (SO4):	218.00
System Pressure 1 (psig):	60	Magnesium (Mg):	33.00	Bicarbonate (HCO3):	976.00
System Temperature 2 (°F):	210	Calcium (Ca):	244.00	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	3.90	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.004	Barium (Ba):	0.90	Propionic Acid (C2H5COO)	
pH:	9.00	Iron (Fe):	11.20	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	10008.09	Zinc (Zn):	1.20	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.20	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	1.60	Silica (SiO2):	6.20
H2S in Water (mg/L):	20.00				

Notes:

B=2.3 Al=1 Li=.26

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	2.85	160.85	0.33	0.28	4.66	6.18	3.50	8.14	0.00	0.00	0.00	0.00	0.00	0.00	10.54	0.63
200.00	60.00	2.81	156.69	0.35	0.29	4.65	6.18	3.46	8.14	0.00	0.00	0.00	0.00	0.00	0.00	10.63	0.63
190.00	60.00	2.76	152.52	0.36	0.30	4.65	6.18	3.41	8.14	0.00	0.00	0.00	0.00	0.00	0.00	10.73	0.63
180.00	60.00	2.72	148.37	0.39	0.32	4.65	6.18	3.37	8.14	0.00	0.00	0.00	0.00	0.00	0.00	10.83	0.63
170.00	60.00	2.68	144.27	0.41	0.33	4.66	6.18	3.32	8.14	0.00	0.00	0.00	0.00	0.00	0.00	10.94	0.63
160.00	60.00	2.65	140.25	0.44	0.34	4.67	6.18	3.27	8.14	0.00	0.00	0.00	0.00	0.00	0.00	11.06	0.63
150.00	60.00	2.61	136.35	0.48	0.36	4.69	6.18	3.22	8.14	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.63
140.00	60.00	2.57	132.59	0.52	0.38	4.71	6.18	3.17	8.14	0.00	0.00	0.00	0.00	0.00	0.00	11.31	0.63
130.00	60.00	2.54	129.00	0.57	0.39	4.75	6.18	3.12	8.14	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.63
120.00	60.00	2.51	125.61	0.63	0.41	4.78	6.18	3.06	8.14	0.00	0.00	0.00	0.00	0.00	0.00	11.60	0.63

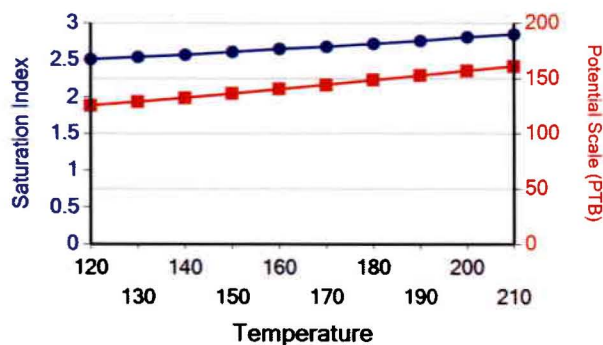
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65	0.81	10.83	0.08	9.12	7.52	5.11	3.91	14.13	6.72
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	0.81	10.99	0.08	8.78	7.52	4.92	3.90	13.91	6.72
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.80	11.16	0.08	8.43	7.52	4.73	3.90	13.68	6.72
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.42	0.80	11.34	0.08	8.07	7.52	4.53	3.90	13.45	6.72
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33	0.80	11.52	0.08	7.70	7.51	4.33	3.89	13.21	6.72
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.80	11.72	0.08	7.32	7.51	4.12	3.89	12.97	6.72
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	0.80	11.93	0.08	6.93	7.51	3.91	3.88	12.72	6.72
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.80	12.15	0.08	6.54	7.51	3.69	3.87	12.48	6.72
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.80	12.38	0.08	6.14	7.51	3.48	3.85	12.23	6.72
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.80	12.63	0.08	5.74	7.50	3.27	3.83	11.99	6.72

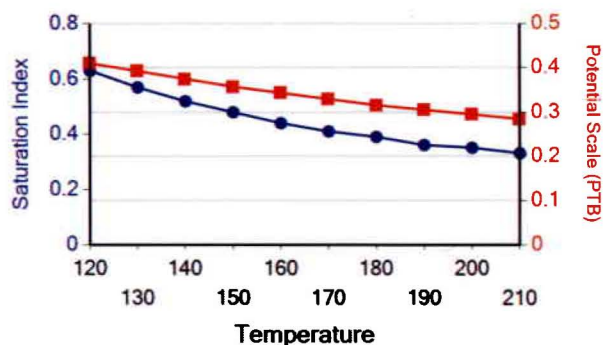
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

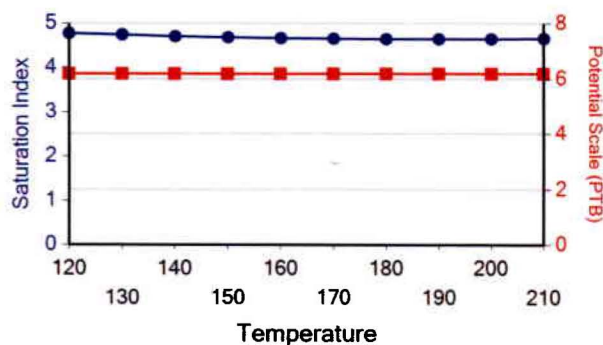
Calcium Carbonate



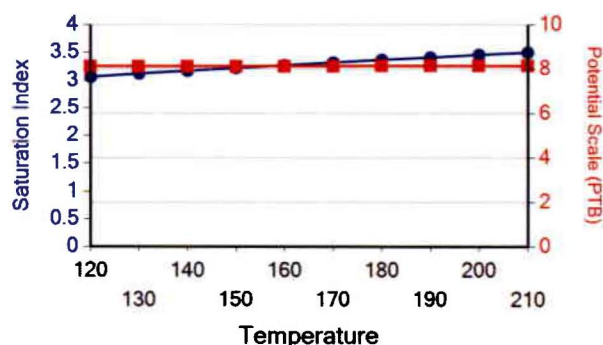
Barium Sulfate



Iron Sulfide

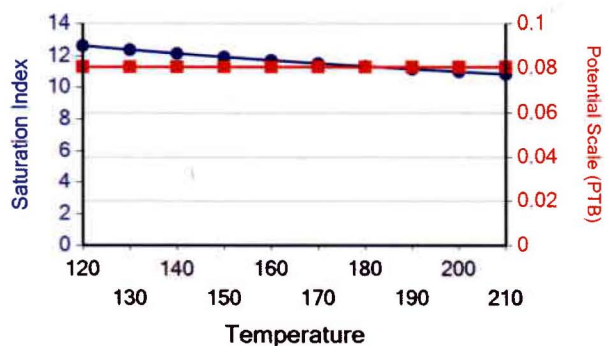


Iron Carbonate

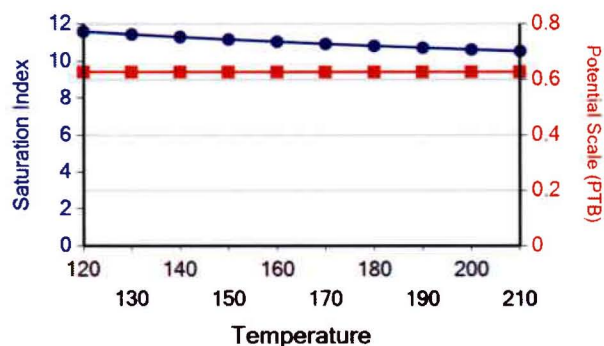


Water Analysis Report

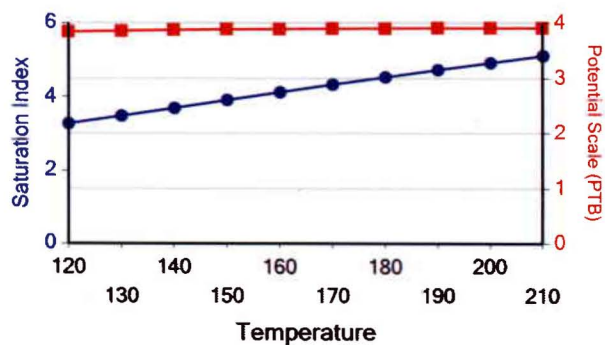
Lead Sulfide



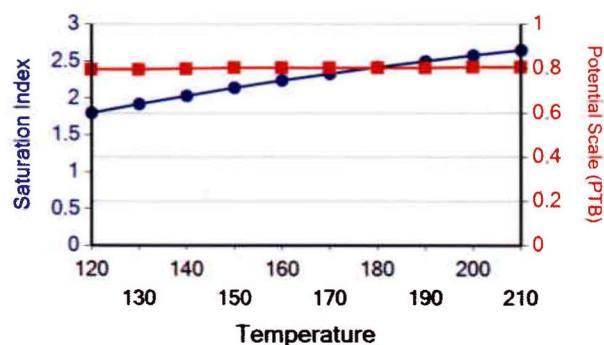
Zinc Sulfide



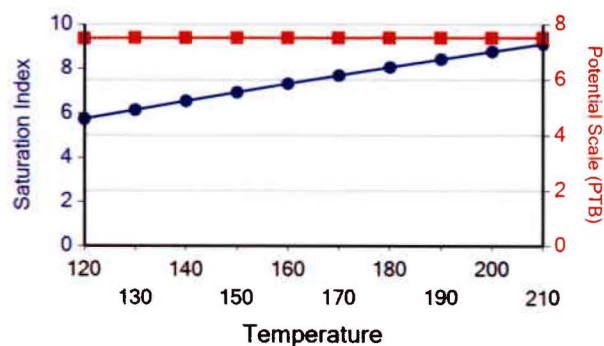
Ca Mg Silicate



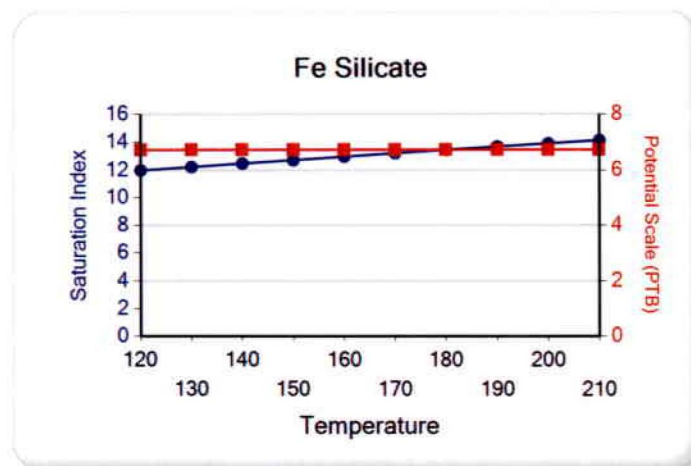
Zinc Carbonate



Mg Silicate



Water Analysis Report



5 of 6

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **WELLS DRAW INJ FACILITY**
 Sample Point: **Commingle After Filter**
 Sample Date: **11/18/2013**
 Sample ID: **WA-259493**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/26/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Pressure 1 (psig):	2000	Potassium (K):	39.00	Sulfate (SO ₄):	41.00
System Temperature 2 (°F):	210	Magnesium (Mg):	24.00	Bicarbonate (HCO ₃):	1122.00
System Pressure 2 (psig):	2000	Calcium (Ca):	41.00	Carbonate (CO ₃):	
Calculated Density (g/ml):	0.999	Strontium (Sr):	0.70	Acetic Acid (CH ₃ COO)	
pH:	6.50	Barium (Ba):	0.00	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	2413.76	Iron (Fe):	0.11	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.03	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	24.00	Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	0.00	Manganese (Mn):	0.00	Silica (SiO ₂):	4.92

Notes:

B=.4 AI=.18 LI=0

(PTB = Pounds per Thousand Barrels)

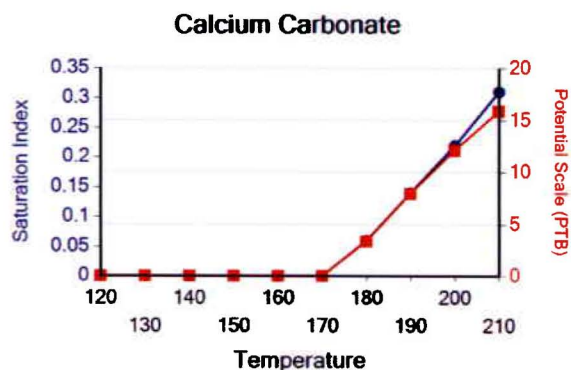
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.14	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.06	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate

These scales have positive scaling potential under final temperature and pressure:



Attachment "G"

Federal #8-19-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient	Pmax
Top	Bottom			(psi/ft)	
5486	5502	5494	2280	0.85	2244
5252	5260	5256	2588	0.93	2554
5008	5020	5014	2715	0.98	2682
4572	4584	4578	1945	0.86	1915 ←
4502	4510	4506	2230	0.93	2201
4420	4427	4424	2142	0.92	2113
				Minimum	<u>1915</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

Format For Sundry

FEDERAL 8-19-9-16

9/1/2007 To 1/30/2008

11/16/2007 Day: 1

Completion

Rigless on 11/15/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5716' & cement top @ 79'. Perforate stage #1. CP3 sds @ 5486-5502' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. 137 BWTR. SIFN.

11/21/2007 Day: 2

Completion

Rigless on 11/20/2007 - Stage #1, CP3 sds. RU BJ Services. 5 psi on well. Frac CP3 sds w/ 54,412#'s of 20/40 sand in 517 bbls of Lightning 17 fluid. Broke @ 2807 psi. Treated w/ ave pressure of 2115 psi w/ ave rate of 24.8 BPM. Pumped 504 gals of 15% hcl acid for stage #2. ISIP 2280 psi. Leave pressure on well. 654 BWTR. Stage #2, LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5360'. Perforate LODC sds @ 5252-60' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1965 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1840 psi on well. Frac LODC sds w/ 29,857#'s of 20/40 sand in 395 bbls of Lightning 17 fluid. Broke @ 4048 psi. Treated w/ ave pressure of 2503 psi @ ave rate of 24.8 BPM. ISIP 2588 psi. Leave pressure on well. 1049 BWTR. Stage #3, LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5120'. Perforate LODC sds @ 5008-20' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1980 psi on well. Perfs would not break. SWIFN w/ 3800 psi on well.

11/22/2007 Day: 3

Completion

Rigless on 11/21/2007 - Stage #3, LODC sds. RU BJ Services. 1365 psi on well. Frac LODC sds w/ 40,138#'s of 20/40 sand in 429 bbls of Lightning 17 fluid. Broke @ 2511 psi. Treated w/ ave pressure of 2160 psi w/ ave rate of 24.8 BPM. Pumped 504 gals of 15% hcl acid for stage #4. ISIP 2245 psi. Leave pressure on well. 1478 BWTR. Stage #4, A1 & A3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 5 & 8' perf guns. Set plug @ 4890'. Perforate A3 sds @ 4794-4802' & A1 sds @ 4760-65' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1945 psi on well. Frac A1 & A3 sds w/ 29,507#'s of 20/40 sand in 375 bbls of Lightning 17 fluid. Broke @ 4299 psi. Treated w/ ave pressure of 2470 psi @ ave rate of 24.8 BPM. ISIP 2715 psi. Leave pressure on well. 1853 BWTR. Stage #5, C sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4680'. Perforate C sds @ 4572-84' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1810 psi on well. Frac C sds w/ 14,617#'s of 20/40 sand in 263 bbls of Lightning 17 fluid. Broke @ 4135 psi. Treated w/ ave pressure of 2150 psi @ ave rate of 24.8 BPM. ISIP 1945 psi. Leave pressure on well. 2116 BWTR. Stage #6, D3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 4540'. Perforate D3 sds @ 4502-10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1107 psi on well. Frac D3 sds w/ 34,878#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Broke @ 3975 psi. Treated w/ ave pressure of 2443 psi @ ave rate of 23.5 BPM. ISIP 2230 psi. Leave pressure on well. 2612 BWTR. Stage #7, D1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' perf gun. Set plug @ 4460'. Perforate D1 sds @ 4420-27' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 11 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. Perfs would not break. Flow well back for 30 min. RU BJ Services. Perfs would not break. RD BJ Services & The Perforators WL. Open well to pit for

Summary Rig Activity

flowback @ 1 bpm. Flowed for 2 1/2 hrs. Rec. 145 BTF. Well cleaned up. SIWFN w/ 2437 BWTR.

11/27/2007 Day: 4

Completion

Leed #731 on 11/26/2007 - RU BJ services. 200 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators WLT, crane & lubricator. Dump bail acid. Tagged sand @ 4258' (162' of sand covering perfs). RD BJ Services & WL. MIRU Leed rig #731. SIWFN w/ 2437 BWTR.

11/28/2007 Day: 5

Completion

Leed #731 on 11/27/2007 - 0 psi on well. NU 5M Cameron pipe rams. Talley PU & RIH w/ 2 7/8 NC 1- jt tbg, SN & 135 jts of 2 7/8" J-55 tbg. Tagged sand @ 4260'. RU pump & lines. Circulate well clean down to plug @ 4460'. TOH w/ tbg. Pressure up on well. Broke @ 2600 psi, Pumped 5 bbls in to perfs @ 2 BPM @ 2300 psi, ISIP 1400 psi. SIWFN w/ 2449 BWTR.

11/29/2007 Day: 6

Completion

Leed #731 on 11/28/2007 - RU BJ Services. 8 psi on well. Frac D1 sds w/ 55,428#'s of 20/40 sand in 553 bbls of Lightning 17 fluid. Broke @ 2671 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2201 psi @ ave rate of 23.9 BPM. ISIP 2142 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 1/2 hrs & died. Rec. 205 BTF. ND cameron pipe rams, Blind rams & 5M WH. NU 3M WH & Schaffer BOP. PU & RIH w/ 4 3/4" bit, Bit sub, 1-jt, SN & 140 jts of tbg. Tagged sand @ 4410'. LD 2-jts of tbg. Circulate well clean w/ 110 bbls. Drain pump & lines. SIWFN w/ 2797 BWTR.

11/30/2007 Day: 7

Completion

Leed #731 on 11/29/2007 - 0 psi on well. PU 2 jts of tbg. Tagged sand @ 4410'. RU Nabor power swivel. Circulate sand & drill out plugs. Sand @ 4410', Plug @ 4460' (Drilled up in 45 mins), Plug @ 4540', No sand (Drilled up in 30 mins), Plug @ 4680', No sand (Drilled up in 30 mins), Plug @ 4890', No sand (Drilled up in 35 mins), Tagged sand 4945', Plug @ 5120' (Drilled up in 25 mins), Tagged sand @ 5330', Plug @ 5360' (Drilled up in 30 mins). Circulate well clean. Drain pump & lines. SIWFN w/ 2777 BWTR.

12/1/2007 Day: 8

Completion

Leed #731 on 11/30/2007 - 50 psi on well. PU 29 jts of tbg. Tagged sand @ 5600'. RU Nabor power swivel. Circulate sand out to PBTD @ 5768'. LD 2 jts of tbg. RU swab equipment. Made 8 runs, IFL @ surface, FFL @ 600', Trace of oil, No sand. Rec 155 BTF. TIH w/ 2jts of tbg. Tagged sand @ 5763'. C/O to PBTD @ 5768'. LD 6 jts of 2 7/8" tbg. Drain pump & lines. SIWFN w/ 2732 BWTR.

12/4/2007 Day: 9

Completion

Leed #731 on 12/3/2007 - 10 psi on well. Hot oiler thawed out BOP, WH. ND WH. Try to set TA, Was unable to set TA. NU BOP. TOH w/ tbg. PU new TA. TIH w/ tbg same as pulled: NC, 2-jts, SN, 1-jt, TA & 176 jts of tbg. ND BOP. NU WH. Flush tbg w/ 60 bbls of wtr. SIWFN w/ 2772 BWTR.

12/6/2007 Day: 10

Completion

Leed #731 on 12/5/2007 - 0 psi on well. Hot oiler thawed out WH. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 18' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 95-3/4" plain rods, 99-3/4" scraped rods, 1 1/2" X 26' polished rod. Hang head, Pressure test to 800 psi. Left well down due to treater issues. 2772 BWTR.

12/7/2007 Day: 11

Completion

Rigless on 12/7/2007 - Repaired surface equipment & PWOP @ 9:00am, 74" SL, 5.5 SPM, 2772 BWTR. Final report.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4370'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 187' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 360'

The approximate cost to plug and abandon this well is \$42,000.

Spud Date: 10-25-07
Put on Production: 12-6-07
GL: 5984' KB: 5996'

Federal 8-19-9-16

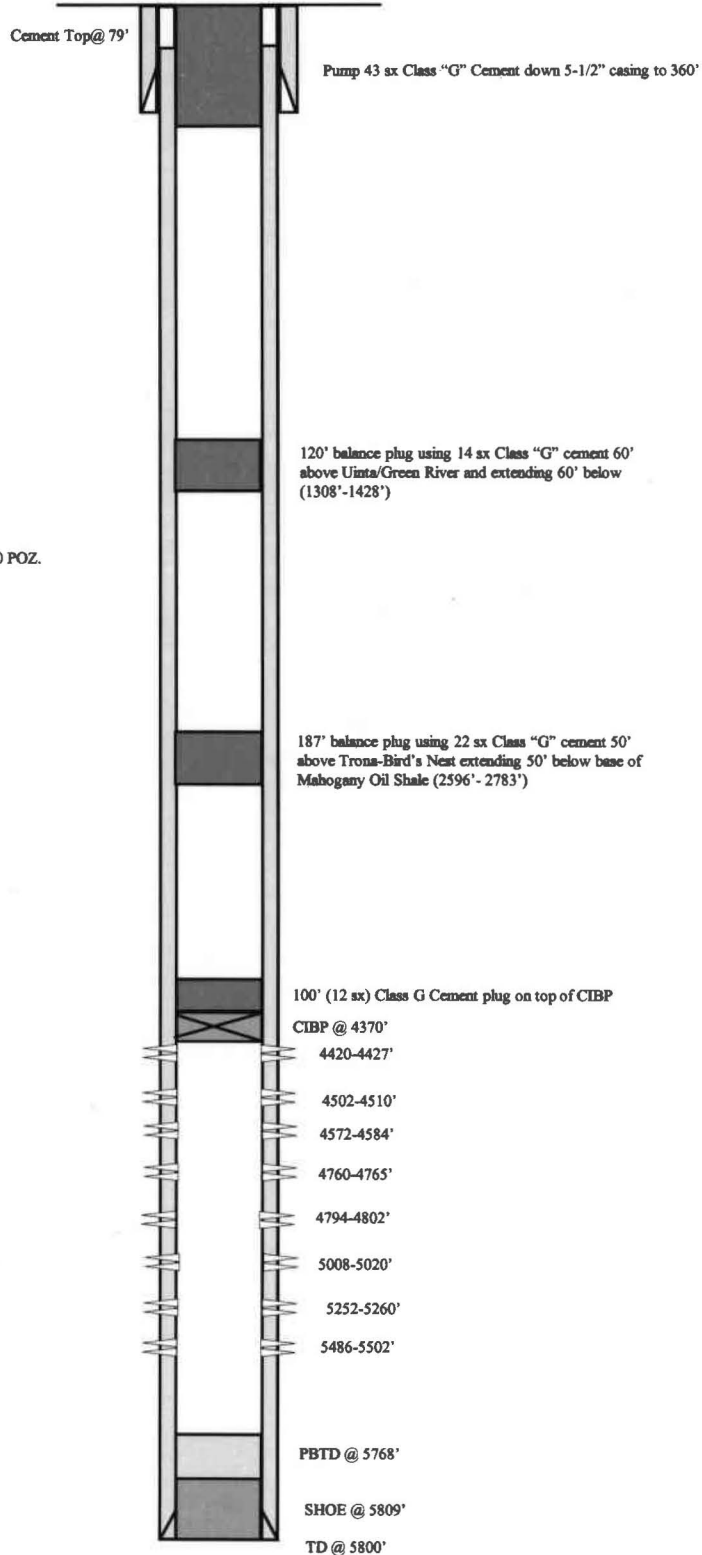
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.39')
DEPTH LANDED: 320.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150jts. (5808.14')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5808.64'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'



NEWFIELD

Federal 8-19-9-16
2136' FNL & 785' FEL
SENE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33101; Lease #UTU-64379